

CATEGORY:

CLEARED

Our Ref. No.: 784

NOVEL CONTIGS OBTAINED FROM VARIOUS LIBRARIES

Express Mail Label NOS.: EJ575238115US; EJ575238248US

NOVEL CONTIGS OBTAINED FROM VARIOUS LIBRARIES

1. FIELD OF THE INVENTION

The present invention provides novel polynucleotide sequences, and polypeptides encoded by such sequences. In particular, the invention provides nucleic acid, specifically contigs, and diagnostic, therapeutic and research utilities thereof.

2. BACKGROUND

In the past two decades, the maturation of the technology for determining the sequence of genes and/or proteins has facilitated the growth and development of the fields of genomics and bioinformatics. Methods of determining a polynucleotide sequence (i.e., the order of the A, G, C and T nucleotides in a sample) have been in use since 1978. These now traditional methods are performed by preparing a mixture of randomly terminated, differentially labelled DNA fragments by degradation at specific nucleotides, or by dideoxy chain termination of replicating strands (Ausubel et al., (1989) "Current Protocols in Molecular Biology" John Wiley & Sons, New York, New York). Resulting DNA fragments in the range of 1 to 500 bp are then separated on a gel to produce a ladder of bands wherein the adjacent samples differ in length by one nucleotide. More recent innovations in sequencing technology, such as sequencing by hybridization (SBH) [Drmanac et al., U.S. Patent No. 5,202,231 - Issued April 13, 1993; Drmanac et al., U.S. Patent No. 5,525,464 - Issued June 11, 1996; Drmanac, PCT Patent Appln. No. WO 95/09248, all of which are hereby incorporated by reference] have greatly facilitated the process.

In contrast to traditional sequencing methods, the array based approach of SBH does not require single base resolution in separation, degradation, synthesis or imaging of a DNA molecule. Instead, using mismatch discriminative hybridization of short oligonucleotides K bases in length, lists of constituent K-mer oligonucleotides may be determined for a target

30

10

25

DNA. DNA sequence for the target DNA is assembled by uniquely overlapping scored oligonucleotides. SBH is a highly versatile technique and, depending on the approach selected, may be used to achieve a variety of endpoints. For example, SBH may be used to efficiently batch processing large numbers of samples [e.g., to identify expressed sequence tags (ESTs)] or for sequencing long DNA fragments, (e.g. a complete bacterial genome without DNA subcloning in smaller pieces). Identified sequences have numerous applications in, for example, diagnostics, forensics, gene mapping; identification of mutations responsible for genetic disorders or other traits, to assess biodiversity, and to produce many other types of data and products dependent on DNA sequence.

3. SUMMARY OF THE INVENTION

The invention relates, in general, to a collection or library of at least one novel nucleic acid sequences, specifically contigs, assembled from expressed sequence tags (ESTs) isolated mainly by sequencing by hybridization (SBH), and in some cases, sequences obtained from one or more public databases. The invention relates also to the proteins encoded by such polynucleotides, along with therapeutic, diagnostic and research utilities for these polynucleotides and proteins. These nucleic acid sequences are designated as SEQ ID NO: 1 - 10,289 and are provided in the Sequence Listing. In the nucleic acids provided in the Sequence Listing, A is adenosine; C is cytosine; G is guanosine; T is thymine; and N is any of the four bases.

The nucleic acid sequences of the present invention also include, nucleic acid sequences that hybridize to the complement of SEQ ID NO: 1 – 10,289 under stringent hybridization conditions; nucleic acid sequences which are allelic variants or species homologues of any of the nucleic acid sequences recited above, or nucleic acid sequences that encode a peptide comprising a specific domain or truncation of the peptides encoded by SEQ ID NO: 1 - 10,289. A polynucleotide comprising a nucleotide sequence having at least 90% identity to an identifying sequence of SEQ ID NO: 1-10,289 or a degenerate variant or fragment thereof. The identifying sequence can be 200 base pairs in length.

5

10

information from the nucleic acid sequences of SEQ ID NO: 1-10,289. The sequence information can be a segment of any one of SEQ ID NO: 1-10,289 that uniquely identifies or represents the sequence information of SEQ ID NO: 1-10,289. One such segment can be a twenty-mer nucleic acid sequence because the probability that a twenty-mer is fully matched in the human genome is 1 in 300. In the human genome, there are three billion base pairs in one set of chromosome. Because there are 4²⁰ possible twenty-mers exist, there are 300 times more twenty-mers than there are base pairs in a set of human chromosome. Using the same analysis, the probability for a seventeen-mer to be fully matched in the human genome is approximately 1 in 5. When these segments are used in arrays for expression studies, fifteen-mer segment can be used. The probability that the fifteen-mer is fully matched in the expressed sequences is also approximately one in five because expressed sequences in one tissue comprise approximately 5% of the entire genome sequence.

The nucleic acid sequences of the present invention also include the sequence

Similarly, when using a sequence information for detecting a single mismatch, a segment can be a twenty-five mer. The probability that the twenty-five mer would appear in a human genome with a single mismatch is calculated by multiplying the probability for a full match $(1 \div 4^{25})$ times the increased probability for mismatch at each nucleotide position (3×25) . The probability that an eighteen mer with a single mismatch can be detected in an array for expression studies is approximately one in five. The probability that a twenty-mer with a single mismatch can be detected in a human genome is approximately one in five.

A collection as used in this application can be a collection of only one polynucleotide. The collection of sequence information or identifying information of each sequence can be provided on a nucleic acid array. In one embodiment, segments of sequence information is provided on a nucleic acid array to detect the polynucleotide that contains the segment. The array can be designed to detect full-match or mismatch to the polynucleotide that contains the segment. The collection can also be provided in a computer-readable format.

10

This invention also includes the reverse or direct complement of any of the nucleic acid sequences recited above; cloning or expression vectors containing the nucleic acid sequences; and host cells or organisms transformed with these expression vectors.

Nucleic acid sequences (or their reverse or direct complements) according to the invention have numerous applications in a variety of techniques known to those skilled in the art of molecular biology, such as use as hybridization probes, use as primers for PCR, use in an array, use in computer-readable media, use in sequencing full-length genes, use for chromosome and gene mapping, use in the recombinant production of protein, and use in generation of anti-sense DNA or RNA, their chemical analogs and the like.

In a preferred embodiment, the contigs or novel segments or parts of the contigs of the invention are used as primers in expression assays that are well known in the art. In a particularly preferred embodiment, the contigs or novel segments or parts of the contigs provided herein are used in diagnostics for identifying expressed genes or, as well known in the art and exemplified by Vollrath et al., Science <u>258</u>:52-59 (1992), as expressed sequence tags for physical mapping of the human genome.

The nucleotide sequences especially herein may be used in molecular biology techniques that have not yet been developed, especially in new techniques which rely on properties of nucleotide sequences that are currently known such as the triplet genetic code, specific base pair interactions, and the like.

The invention further includes polypeptides encoded by SEQ ID NO: 1 - 10,289 or their reverse or direct complements, and degenerate variants thereof, especially naturally occurring variants such as allelic variants. The polypeptide(s) encoded can be a portion of an isolated protein. The polypeptide(s) can also form a part of an external configuration of a protein in three-dimensions.

The polypeptides according to the invention can be used in a variety of conventional procedures and methods that are currently applied to other polypeptides, including the generation of antibodies, or use as molecular weight markers.

4. **DETAILED DESCRIPTION**

5

10

4.1 Definitions

The term "nucleotide sequence" refers to a polymer of nucleotides. The terms "nucleic acid" and polynucleotide are used interchangeably herein to refer to a polymer of nucleotides. Generally, nucleic acid segments provided by this invention may be assembled from fragments of the genome and short oligonucleotide linkers, or from a series of oligonucleotides, to provide a synthetic nucleic acid which is capable of being expressed in a recombinant transcriptional unit comprising regulatory elements derived from a microbial or viral operon.

An "oligonucleotide fragment" or a "polynucleotide fragment", "portion," or "segment" is a stretch of nucleotides which is long enough to use in polymerase chain reaction (PCR) or various hybridization procedures to identify or amplify identical or related parts of mRNA or DNA molecules. These terms can be used interchangeably with "nucleotide sequence," the sequence information contained in a nucleotide sequence, or the identifying sequence of a polynucleotide.

"Oligonucleotides" or "nucleic acid probes" are prepared based on the nucleotide sequences provided in the present invention. Oligonucleotides comprise portions of the DNA sequence having at least about 7, usually at least about 15 nucleotides, and more usually at least about 20 nucleotides. Nucleic acid probes comprise portions of the sequence having fewer nucleotides than about 6 kb, usually fewer than about 1 kb. These probes may be used to determine whether mRNAs are present in a cell or tissue or to isolate similar nucleic acid sequences from chromosomal DNA as described by Walsh PS et al (1992 PCR Methods Appl 1:241-250).

The term "probes" includes naturally occurring or recombinant single- or double-stranded nucleic acids or chemically synthesized nucleic acids. They may be labeled by nick translation, Klenow fill-in reaction, PCR or other methods well known in the art. Probes of the present invention, their preparation and/or labeling are elaborated in Sambrook J et al (1989) Molecular Cloning: A Laboratory Manual, Cold Spring Harbor Laboratory, NY; or Ausubel FM et al (1989) Current Protocols in Molecular Biology, John Wiley & Sons, New York NY, both incorporated herein by reference.

10

The term "stringent" is used to refer to conditions that are commonly understood in the art as stringent. An exemplary set of conditions include a temperature of 60-70 °C, (preferably about 65 °C) and a salt concentration of 0.70 M to 0.80 M (preferably about 0.75M). Further exemplary conditions include, hybridizing conditions that (1) employ low ionic strength and high temperature for washing, for example, 0.015 M NaCl/0.0015 M sodium citrate/0.1% SDS at 50°C; (2) employ during hybridization a denaturing agent such as formamide, for example, 50% (vol/vol) formamide with 0.1% bovine serum albumin/0.1% Ficoll/0.1% polyvinylpyrrolidone/50 mM sodium phosphate buffer at pH 6.5 with 750 mM NaCl, 75 mM sodium citrate at 42°C; or (3) employ 50% formamide, 5 x SSC (0.75 M NaCl, 0.075 M Sodium pyrophosphate, 5 x Denhardt's solution, sonicated salmon sperm DNA (50 g/ml), 0.1% SDS, and 10% dextran sulfate at 42°C with washes at 42 °C in 0.2 x SSC and 0.1% SDS.

The term "recombinant," as used herein, means that a polypeptide or protein is derived from recombinant (e.g., microbial or mammalian) expression systems. "Microbial polypeptide or protein" refers to recombinant polypeptides or proteins made in bacterial or fungal (e.g., yeast) expression systems. As a product, "recombinant polypeptide or protein" defines a polypeptide or protein essentially free of native endogenous substances and unaccompanied by associated native glycosylation. Polypeptides or proteins expressed in most bacterial cultures, e.g., <u>E. coli</u>, will be free of glycosylation modifications; polypeptides or proteins expressed in yeast will have a glycosylation pattern different from that expressed in mammalian cells.

The term "recombinant expression vehicle or vector" refers to a plasmid or phage or virus or vector, for expressing a polypeptide from a DNA (RNA) sequence. The expression vehicle can comprise a transcriptional unit comprising an assembly of (1) a genetic element or elements having a regulatory role in gene expression, for example, promoters or enhancers, (2) a structural or coding sequence which is transcribed into mRNA and translated into protein, and (3) appropriate transcription initiation and termination sequences. Structural units intended for use in yeast or eukaryotic expression systems preferably include a leader sequence enabling extracellular secretion of translated protein by a host cell. Alternatively, where recombinant protein is expressed without a leader or

30

5

10

transport sequence, it may include an N-terminal methionine residue. This residue may or may not be subsequently cleaved from the expressed recombinant protein to provide a final product.

"Recombinant expression system" means host cells which have stably integrated a recombinant transcriptional unit into chromosomal DNA or carry the recombinant transcriptional unit extrachromosomally. The cells can be prokaryotic or eukaryotic. Recombinant expression systems as defined herein will express heterologous polypeptides or proteins upon induction of the regulatory elements linked to the DNA segment or synthetic gene to be expressed.

The term "open reading frame," ORF, means a series of triplets coding for amino acids without any termination codons and is a sequence translatable into protein.

The term "expression modulating fragment," EMF, means a series of nucleotide molecules which modulates the expression of an operably linked ORF or EMF.

As used herein, a sequence is said to "modulate the expression of an operably linked sequence" when the expression of the sequence is altered by the presence of the EMF. EMFs include, but are not limited to, promoters, and promoter modulating sequences (inducible elements). One class of EMFs are fragments which induce the expression or an operably linked ORF in response to a specific regulatory factor or physiological event.

As used herein, an "uptake modulating fragment," UMF, means a series of nucleotide molecules which mediate the uptake of a linked DNA fragment into a cell. UMFs can be readily identified using known UMFs as a target sequence or target motif with the computer-based systems described above.

The presence and activity of a UMF can be confirmed by attaching the suspected UMF to a marker sequence. The resulting nucleic acid molecule is then incubated with an appropriate host under appropriate conditions and the uptake of the marker sequence is determined. As described above, a UMF will increase the frequency of uptake of a linked marker sequence.

"Active" refers to those forms of the polypeptide which retain the biologic and/or immunologic activities of any naturally occurring polypeptide.

"Naturally occurring polypeptide" refers to polypeptides produced by cells and specifically contemplates various polypeptides arising from post-translational modifications of the polypeptide including, but not limited to, acetylation, carboxylation, glycosylation, phosphorylation, lipidation and acylation.

5

"Derivative" refers to polypeptides chemically modified by such techniques as ubiquitination, labeling (e.g., with radionuclides or various enzymes), pegylation (derivatization with polyethylene glycol) and insertion or substitution by chemical synthesis of amino acids such as ornithine, which do not normally occur in human proteins.

10

"Recombinant variant" refers to any polypeptide differing from naturally occurring polypeptides by amino acid insertions, deletions, and substitutions, created using recombinant DNA techniques. Guidance in determining which amino acid residues may be replaced, added or deleted without abolishing activities of interest, such as cellular trafficking, may be found by comparing the sequence of the particular polypeptide with that of homologous peptides and minimizing the number of amino acid sequence changes made in regions of high homology.

Preferably, amino acid "substitutions" are the result of replacing one amino acid with another amino acid having similar structural and/or chemical properties, such as the replacement of a leucine with an isoleucine or valine, an aspartate with a glutamate, or a threonine with a serine, i.e., conservative amino acid replacements. "Insertions" or "deletions" are typically in the range of about 1 to 5 amino acids. The variation allowed may be experimentally determined by systematically making insertions, deletions, or substitutions of amino acids in a polypeptide molecule using recombinant DNA techniques and assaying the resulting recombinant variants for activity.

25

Where desired an expression vector may be designed to contain a "signal or leader sequence" which will direct the polypeptide through the membrane of a cell. Such a sequence may be naturally present on the polypeptides of the present invention or provided from heterologous protein sources by recombinant DNA techniques.

30

A polypeptide is a stretch of amino acid residues. By way of example such polypeptides may be at least about 5 amino acids, often at least about 7 amino acids, typically at least about 9 to 13 amino acids, and, in various embodiments, at least about 17

5

10

or more amino acids. To be active, any polypeptide must have sufficient length to display biologic and/or immunologic activity.

Alternatively, recombinant variants encoding these same or similar polypeptides may be synthesized or selected by making use of the "redundancy" in the genetic code. Various codon substitutions, such as the silent changes which produce various restriction sites, may be introduced to optimize cloning into a plasmid or viral vector or expression in a particular prokaryotic or eukaryotic system. Mutations in the polypeptide sequence may be reflected in the polypeptide or domains of other peptides added to the polypeptide to modify the properties of any part of the polypeptide, to change characteristics such as ligand-binding affinities, interchain affinities, or degradation/turnover rate.

"Activated" cells as used in this application are those which are engaged in extracellular or intracellular membrane trafficking, including the export of neurosecretory or enzymatic molecules as part of a normal or disease process.

The term "purified" as used herein denotes that the indicated nucleic acid or polypeptide is present in the substantial absence of other biological macromolecules, *e.g.*, nucleic acid sequences, proteins, and the like. In one embodiment, the nucleic acid or polypeptide is purified such that it constitutes at least 95% by weight, more preferably at least 99.8% by weight, of the biological macromolecules present (but water, buffers, and other small molecules, especially molecules having a molecular weight of less than 1000 daltons, can be present).

The term "isolated" as used herein refers to a nucleic acid or polypeptide separated from at least one other component (e.g., nucleic acid or polypeptide) present with the nucleic acid or polypeptide in its natural source. In one embodiment, the nucleic acid or polypeptide is found in the presence of (if anything) only a solvent, buffer, ion, or other component normally present in a solution of the same. The terms "isolated" and "purified" do not encompass nucleic acids or polypeptides present in their natural source.

The term "infection" refers to the introduction of nucleic acids into a suitable host cell by use of a virus or viral vector.

10

The term "transformation" means introducing DNA into a suitable host cell so that the DNA is replicable, either as an extrachromosomal element, or by chromosomal integration.

The term "transfection" refers to the taking up of an expression vector by a suitable host cell, whether or not any coding sequences are in fact expressed.

The term "intermediate fragment" means a nucleic acid between 5 and 1000 bases in length, and preferably between 10 and 40 bp in length.

Each of the above terms is meant to encompasses all that is described for each, unless the context dictates otherwise.

4.2 Nucleic Acid Sequences of the Invention

The nucleic acid sequences of the invention, designated as SEQ ID NO: 1-10,289 were assembled mainly from ESTs obtained by SBH and, in some cases, sequences obtained from one or more public databases, such as dbEST, gbpri, and UniGene. The sequences falling within the scope of the present invention are not limited to these specific sequences, but also include allelic and species variations thereof. Allelic and species variations can be routinely determined by comparing the sequence provided in SEQ ID NO: 1-10,289, a representative fragment thereof, or a nucleotide sequence at least 90% identical, preferably 99.9% identical, to SEQ ID NO: 1-10,289 with a sequence from another isolate of the same species. Furthermore, to accommodate codon variability, the invention includes nucleic acid molecules coding for the same amino acid sequences as do the specific ORFs disclosed herein. In other words, in the coding region of an ORF, substitution of one codon for another which encodes the same amino acid is expressly contemplated.

The contigs were assembled using an EST sequence as a seed. The EST sequence can be extended into a contig by programs or algorithms known in the art. Preferably, a recursive algorithm is used to extend the seed EST into an extended assemblage, by pulling additional sequences from different databases (e.g., Hyseq's database containing EST sequences, dbEST version 114, gb pri 114, and UniGene version 101) that belong to this

5

assemblage. The algorithm terminates when there was no additional sequences from the databases that will extend the assemblage. Further, the inclusion of component sequences into the assemblage is preferably based on a BLASTN hit to the extending assemblage with BLAST score greater than 300 and percent identity greater than 95%.

The nearest neighbor result for the assembled contig can be obtained by searching a database using an algorithm or a program. Preferably, a FASTA version 3 search against Genpept, using Fastxy algorithm. The nearest neighbor result shows the closest homologue for each assemblage from Genpept (and contains the translated amino acid sequences for which the assemblage encodes).

4.3 Uses of Nucleic Acids Sequences of the Invention.

Another aspect of the subject invention is to provide for polypeptide-specific nucleic acid hybridization probes capable of hybridizing with naturally occurring nucleotide sequences. The hybridization probes of the subject invention may be derived from the nucleotide sequence of SEQ ID NO: 1-10,289.

PCR as described US Patent Nos 4,683,195 and 4,965,188 provide additional uses for oligonucleotides based upon the nucleotide sequences. Such probes used in PCR may be of recombinant origin, may be chemically synthesized, or a mixture of both. The probe will comprise a discrete nucleotide sequence for the detection of identical sequences or a degenerate pool of possible sequences for identification of closely related genomic sequences.

Other means for producing specific hybridization probes for nucleic acids include the cloning of nucleic acid sequences into vectors for the production of mRNA probes. Such vectors are known in the art and are commercially available and may be used to synthesize RNA probes in vitro by means of the addition of the appropriate RNA polymerase as T7 or SP6 RNA polymerase and the appropriate radioactively labeled nucleotides.

The nucleotide sequences may be used to construct hybridization probes for mapping their respective genomic sequences. The nucleotide sequence provided herein

10

may be mapped to a chromosome or specific regions of a chromosome using well known genetic and/or chromosomal mapping techniques. These techniques include in situ hybridization, linkage analysis against known chromosomal markers, hybridization screening with libraries or flow-sorted chromosomal preparations specific to known chromosomes, and the like. The technique of fluorescent in situ hybridization of chromosome spreads has been described, among other places, in Verma et al (1988) Human Chromosomes: A Manual of Basic Techniques, Pergamon Press, New York NY.

Fluorescent in situ hybridization of chromosomal preparations and other physical chromosome mapping techniques may be correlated with additional genetic map data. Examples of genetic map data can be found in the 1994 Genome Issue of Science (265:1981f). Correlation between the location of a nucleic acid on a physical chromosomal map and a specific disease (or predisposition to a specific disease) may help delimit the region of DNA associated with that genetic disease. The nucleotide sequences of the subject invention may be used to detect differences in gene sequences between normal, carrier or affected individuals.

The nucleotide sequence may be used to produce purified polypeptides using well known methods of recombinant DNA technology. Among the many publications that teach methods for the expression of genes after they have been isolated is Goeddel (1990) Gene Expression Technology, Methods and Enzymology, Vol 185, Academic Press, San Diego. Polypeptides may be expressed in a variety of host cells, either prokaryotic or eukaryotic. Host cells may be from the same species from which a particular polypeptide nucleotide sequence was isolated or from a different species. Advantages of producing polypeptides by recombinant DNA technology include obtaining adequate amounts of the protein for purification and the availability of simplified purification procedures.

In yet another aspect of the invention, the nucleic acid sequences of the invention may be used to induce immune responses. By way of example, the nucleic acid sequences of the invention may be used for immunization by topical application of the nucleic acid sequences to skin (Fan et al., (1999) Nature Biotechnology 17:870-872, herein incorporated by reference). Preferably the skin contains hair follicles and the nucleic acid sequences are

inserted in a recombinant expression vector. The nucleic acid sequences and recombinant expression vector may be in the form of naked DNA.

4.4 Recombinant Constructs

5

The present invention further provides recombinant constructs comprising a nucleic acid having the sequence of any one of SEQ ID NO: 1-10,289, a nucleic acid having a fragment of the sequence of any one of SEQ ID NO: 1-10,289, or a nucleic acid having 90% homology to the sequence of any one of SEQ ID NO: 1-10,289. The recombinant constructs of the present invention comprise a vector, such as a plasmid or viral vector, into which a nucleic acid having the sequence of any one of SEQ ID NO: 1-10,289 or a fragment thereof is inserted, in a forward or reverse orientation. In the case of a vector comprising one of the ORFs of the present invention, the vector may further comprise regulatory sequences, including for example, a promoter, operably linked to the ORF. For vectors comprising the EMFs and UMFs of the present invention, the vector may further comprise a marker sequence or heterologous ORF operably linked to the EMF or UMF.

Large numbers of suitable vectors and promoters are known to those of skill in the art and are commercially available for generating the recombinant constructs of the present invention. The following vectors are provided by way of example. Bacterial: pBs, phagescript, PsiX174, pBluescript SK, pBs KS, pNH8a, pNH16a, pNH18a, pNH46a (Stratagene); pTrc99A, pKK223-3, pKK233-3, pDR540, pRIT5 (Pharmacia). Eukaryotic: pWLneo, pSV2cat, pOG44, PXTI, pSG (Stratagene) pSVK3, pBPV, pMSG, pSVL (Pharmacia).

Promoter regions can be selected from any desired gene using CAT (chloramphenicol transferase) vectors or other vectors with selectable markers. Two appropriate vectors are pKK232-8 and pCM7. Particular named bacterial promoters include lacI, lacZ, T3, T7, gpt, lambda P_R, and trc. Eukaryotic promoters include CMV immediate early, HSV thymidine kinase, early and late SV40, LTRs from retrovirus, and mouse metallothionein-I. Selection of the appropriate vector and promoter is well within the level of ordinary skill in the art.

10

Generally, recombinant expression vectors will include origins of replication and selectable markers permitting transformation of the host cell, e.g., the ampicillin resistance gene of *E. coli* and *S. cerevisiae* TRP1 gene, and a promoter derived from a highly-expressed gene to direct transcription of a downstream structural sequence. Such promoters can be derived from operons encoding glycolytic enzymes such as 3-phosphoglycerate kinase (PGK), a-factor, acid phosphatase, or heat shock proteins, among others. The heterologous structural sequence is assembled in appropriate phase with translation initiation and termination sequences, and preferably, a leader sequence capable of directing secretion of translated protein into the periplasmic space or extracellular medium. Optionally, the heterologous sequence can encode a fusion protein including an N-terminal identification peptide imparting desired characteristics, e.g., stabilization or simplified purification of expressed recombinant product.

Useful expression vectors for bacterial use are constructed by inserting a structural DNA sequence encoding a desired protein together with suitable translation initiation and termination signals in operable reading phase with a functional promoter. The vector will comprise one or more phenotypic selectable markers and an origin of replication to ensure maintenance of the vector and to, if desirable, provide amplification within the host. Suitable prokaryotic hosts for transformation include <u>E. coli, Bacillus subtilis, Salmonella typhimurium</u> and various species within the genera Pseudomonas, Streptomyces, and Staphylococcus, although others may also be employed as a matter of choice.

As a representative but nonlimiting example, useful expression vectors for bacterial use can comprise a selectable marker and bacterial origin of replication derived from commercially available plasmids comprising genetic elements of the well known cloning vector pBR322 (ATCC 37017). Such commercial vectors include, for example, pKK223-3 (Pharmacia Fine Chemicals, Uppsala, Sweden) and GEM 1 (Promega Biotec, Madison, WI, USA). These pBR322 "backbone" sections are combined with an appropriate promoter and the structural sequence to be expressed.

Following transformation of a suitable host strain and growth of the host strain to an appropriate cell density, the selected promoter is derepressed by appropriate means (e.g., temperature shift or chemical induction) and cells are cultured for an additional period.

10

Cells are typically harvested by centrifugation, disrupted by physical or chemical means, and the resulting crude extract retained for further purification.

Included within the scope of the nucleic acid sequences of the invention are nucleic acid sequences that hybridize under stringent conditions to a fragment of the DNA sequences provided in the Sequence Listing, which fragment is greater than about 10 bp, preferably 20-50 bp, and even greater than 100 bp.

In accordance with the invention, polynucleotide sequences which encode the novel nucleic acids, or functional equivalents thereof, may be used to generate recombinant DNA molecules that direct the expression of that nucleic acid, or a functional equivalent thereof, in appropriate host cells.

The nucleic acid sequences of the invention are further directed to sequences which encode variants of the described nucleic acids. These amino acid sequence variants may be prepared by methods known in the art by introducing appropriate nucleotide changes into a native or variant polynucleotide. There are two variables in the construction of amino acid sequence variants: the location of the mutation and the nature of the mutation. The amino acid sequence variants of the nucleic acids are preferably constructed by mutating the polynucleotide to give an amino acid sequence that does not occur in nature. These amino acid alterations can be made at sites that differ in the nucleic acids from different species (variable positions) or in highly conserved regions (constant regions). Sites at such locations will typically be modified in series, e.g., by substituting first with conservative choices (e.g., hydrophobic amino acid to a different hydrophobic amino acid) and then with more distant choices (e.g., hydrophobic amino acid to a charged amino acid), and then deletions or insertions may be made at the target site.

Amino acid sequence deletions generally range from about 1 to 30 residues, preferably about 1 to 10 residues, and are typically contiguous. Amino acid insertions include amino- and/or carboxyl-terminal fusions ranging in length from one to one hundred or more residues, as well as intrasequence insertions of single or multiple amino acid residues. Intrasequence insertions may range generally from about 1 to 10 amino residues, preferably from 1 to 5 residues. Examples of terminal insertions include the heterologous signal sequences necessary for secretion or for intracellular targeting in different host cells.

30

5

10

In a preferred method, nucleic acid sequences encoding the novel nucleic acids are changed via site-directed mutagenesis. This method uses oligonucleotide sequences that encode the polynucleotide sequence of the desired amino acid variant, as well as a sufficient adjacent nucleotide on both sides of the changed amino acid to form a stable duplex on either side of the site of being changed. In general, the techniques of site-directed mutagenesis are well known to those of skill in the art and this technique is exemplified by publications such as, Edelman *et al.*, <u>DNA 2:183 (1983)</u>. A versatile and efficient method for producing site-specific changes in a polynucleotide sequence was published by Zoller and Smith, Nucleic Acids Res. 10:6487-6500 (1982).

PCR may also be used to create amino acid sequence variants of the novel nucleic acids. When small amounts of template DNA are used as starting material, primer(s) that differs slightly in sequence from the corresponding region in the template DNA can generate the desired amino acid variant. PCR amplification results in a population of product DNA fragments that differ from the polynucleotide template encoding the collagen at the position specified by the primer. The product DNA fragments replace the corresponding region in the plasmid and this gives the desired amino acid variant.

A further technique for generating amino acid variants is the cassette mutagenesis technique described in Wells *et al.*, Gene 34:315 (1985); and other mutagenesis techniques well known in the art, such as, for example, the techniques in Sambrook *et al.*, supra, and Current Protocols in Molecular Biology, Ausubel *et al.*

Due to the inherent degeneracy of the genetic code, other DNA sequences which encode substantially the same or a functionally equivalent amino acid sequence may be used in the practice of the invention for the cloning and expression of these novel nucleic acids. Such DNA sequences include those which are capable of hybridizing to the appropriate novel nucleic acid sequence under stringent conditions.

4.5 Host Cells

The present invention further provides host cells containing SEQ ID NO: 1-10,289 of the present invention, wherein the nucleic acid has been introduced into the host cell

10

using known transformation, transfection or infection methods. The host cell can be a higher eukaryotic host cell, such as a mammalian cell, a lower eukaryotic host cell, such as a yeast cell, or the host cell can be a prokaryotic cell, such as a bacterial cell. Introduction of the recombinant construct into the host cell can be effected by calcium phosphate transfection, DEAE, dextran mediated transfection, or electroporation (Davis, L. et al., Basic Methods in Molecular Biology (1986)).

The host cells containing one of SEQ ID NO: 1-10,289 of the present invention, can be used in conventional manners to produce the gene product encoded by the isolated fragment (in the case of an ORF) or can be used to produce a heterologous protein under the control of the EMF.

Any host/vector system can be used to express one or more of the ORFs of the present invention. These include, but are not limited to, eukaryotic hosts such as HeLa cells, Cv-1 cell, COS cells, and Sf9 cells, as well as prokaryotic host such as <u>E. coli</u> and <u>B. subtilis</u>. The most preferred cells are those which do not normally express the particular polypeptide or protein or which expresses the polypeptide or protein at low natural level.

Polypeptides can be expressed in mammalian cells, yeast, bacteria, or other cells under the control of appropriate promoters. Cell-free translation systems can also be employed to produce such proteins using RNAs derived from the DNA constructs of the present invention. Appropriate cloning and expression vectors for use with prokaryotic and eukaryotic hosts are described by Sambrook, *et al.*, in *Molecular Cloning: A Laboratory Manual*, Second Edition, Cold Spring Harbor, New York (1989), the disclosure of which is hereby incorporated by reference.

Various mammalian cell culture systems can also be employed to express recombinant protein. Examples of mammalian expression systems include the COS-7 lines of monkey kidney fibroblasts, described by Gluzman, *Cell 23*:175 (1981), and other cell lines capable of expressing a compatible vector, for example, the C127, 3T3, CHO, HeLa and BHK cell tines. Mammalian expression vectors will comprise an origin of replication, a suitable promoter and , and also any necessary ribosome binding sites, polyadenylation site, splice donor and acceptor sites, transcriptional termination sequences, and 5' flanking nontranscribed sequences. DNA sequences derived from the SV40 viral genome, for

5

10

example, SV40 origin, early promoter, enhancer, splice, and polyadenylation sites may be used to provide the required nontranscribed genetic elements.

Recombinant polypeptides and proteins produced in bacterial culture are usually isolated by initial extraction from cell pellets, followed by one or more salting-out, aqueous ion exchange or size exclusion chromatography steps. Protein refolding steps can be used, as necessary, in completing configuration of the mature protein. Finally, high performance liquid chromatography (HPLC) can be employed for final purification steps. Microbial cells employed in expression of proteins can be disrupted by any convenient method, including freeze-thaw cycling, sonication, mechanical disruption, or use of cell lysing agents.

4.6 Polypeptides of the Invention

The present invention further provides isolated polypeptides encoded by the nucleic acid fragments of the present invention or by degenerate variants of the nucleic acid fragments of the present invention. By "degenerate variant" is intended nucleotide fragments which differ from a nucleic acid fragment of the present invention (e.g., an ORF) by nucleotide sequence but, due to the degeneracy of the Genetic Code, encode an identical polypeptide sequence. Preferred nucleic acid fragments of the present invention are the ORFs which encode peptides.

A variety of methodologies known in the art can be utilized to obtain any one of the isolated peptides or proteins of the present invention. At the simplest level, the amino acid sequence can be synthesized using commercially available peptide synthesizers. This is particularly useful in producing small peptides and fragments of larger polypeptides. Fragments are useful, for example, in generating antibodies against the native polypeptide. In an alternative method, the polypeptide or protein is purified from bacterial cells which naturally produce the polypeptide or protein. One skilled in the art can readily follow known methods for isolating polypeptides and proteins in order to obtain one of the isolated polypeptides or proteins of the present invention. These include, but are not limited to,

5

10

immunochromatography, HPLC, size-exclusion chromatography, ion-exchange chromatography, and immuno-affinity chromatography.

The polypeptides and proteins of the present invention can alternatively be purified from cells which have been altered to express the desired polypeptide or protein. As used herein, a cell is said to be altered to express a desired polypeptide or protein when the cell, through genetic manipulation, is made to produce a polypeptide or protein which it normally does not produce or which the cell normally produces at a lower level. One skilled in the art can readily adapt procedures for introducing and expressing either recombinant or synthetic sequences into eukaryotic or prokaryotic cells in order to generate a cell which produces one of the polypeptides or proteins of the present invention.

4.7 Antibodies

The polypeptides of the present invention may be used to generate antibodies. In general, techniques for preparing polyclonal and monoclonal antibodies as well as hybridomas capable of producing the desired antibody are well known in the art (Campbell, A.M., Monoclonal Antibodies Technology: Laboratory Techniques in Biochemistry and Molecular Biology, Elsevier Science Publishers, Amsterdam, The Netherlands (1984); St. Groth et al., J. Immunol. 35:1-21 (1990); Kohler and Milstein, Nature 256:495-497 (1975); Kozbor et al., Immunology Today 4:72 (1983); Cole et al., in Monoclonal Antibodies and Cancer Therapy, Alan R. Liss, Inc. (1985), pp. 77-96; Lutz et al., Exp. Cell Research. 175:109-124 (1988)). In addition, techniques described for the production of single chain antibodies (U.S. Patent 4,946,778) can be adapted to produce single chain antibodies to the polypeptides of the present invention.

The antibodies of the present invention can be used in a variety of assays. By way of example, the antibodies in a detectably labeled form (use of radioisotopes, affinity labels, enzymatic labels, fluorescent labels, paramagnetic atoms, etc; see for example Sternberger, L.A. et al., J. Histochem. Cytochem. 18:315 (1970); Bayer, E.A. et al., Meth. Enzym. 62:308 (1979); Engval, E. et al., Immunol. 109:129 (1972); Goding, J.W. J. Immunol. Meth. 13:215 (1976)) can be used for in vitro, in vivo, and in situ assays to

10

5

identify cells or tissues in which a fragment of the polypeptide of interest is expressed. Additional uses include, but are not limited to, use of the antibodies directly in therapies or other diagnostics and immunoaffinity purification (Weir, D.M. et al., "Handbook of Experimental Immunology" 4th Ed., Blackwell Scientific Publications, Oxford, England, Chapter 10 (1986); Jacoby, W.D. et al., Meth. Enzym. 34 Academic Press, N.Y. (1974)).

4.8 Computer Readable Sequences

In one application of this embodiment, one or more nucleic acid sequences of the present invention can be recorded on computer readable media. As used herein, "computer readable media" refers to any medium which can be read and accessed directly by a computer. Such media include, but are not limited to: magnetic storage media, such as floppy discs, hard disc storage medium, and magnetic tape; optical storage media such as CD-ROM; electrical storage media such as RAM and ROM; and hybrids of these categories such as magnetic/optical storage media. A skilled artisan can readily appreciate how any of the presently known computer readable mediums can be used to create a manufacture comprising computer readable medium having recorded thereon a nucleotide sequence of the present invention.

As used herein, "recorded" refers to a process for storing information on computer readable medium. A skilled artisan can readily adopt any of the presently known methods for recording information on computer readable medium to generate manufactures comprising the nucleotide sequence information of the present invention.

A variety of data storage structures are available to a skilled artisan for creating a computer readable medium having recorded thereon a nucleotide sequence of the present invention. The choice of the data storage structure will generally be based on the means chosen to access the stored information. In addition, a variety of data processor programs and formats can be used to store the nucleotide sequence information of the present invention on computer readable medium. The sequence information can be represented in a word processing text file, formatted in commercially-available software such as WordPerfect and MicroSoft Word, or represented in the form of an ASCII file, stored in a

10

database application, such as DB2, Sybase, Oracle, or the like. A skilled artisan can readily adapt any number of dataprocessor structuring formats (e.g. text file or database) in order to obtain computer readable medium having recorded thereon the nucleotide sequence information of the present invention.

By providing the nucleotide sequence of SEQ ID NO: 1-10,289, a representative fragment thereof, or a nucleotide sequence 90% identical, preferably at least 99.9% identical, to SEQ ID NOS: 1-10,289 in computer readable form, a skilled artisan can routinely access the sequence information for a variety of purposes. Computer software is publicly available which allows a skilled artisan to access sequence information provided in a computer readable medium. These sequences may be protein encoding fragments and may be useful in producing commercially important proteins such as enzymes used in fermentation reactions and in the production of commercially useful metabolites. These sequences can be either directly edited into full-length gene sequences (nucleotide and protein), or can be extended further to full-length status by additional sequencing using methods known in the art.

As used herein, "a computer-based system" refers to the hardware means, software means, and data storage means used to analyze the nucleotide sequence information of the present invention. The minimum hardware means of the computer-based systems of the present invention comprises a central processing unit (CPU), input means, output means, and data storage means. A skilled artisan can readily appreciate that any one of the currently available computer-based systems are suitable for use in the present invention.

As stated above, the computer-based systems of the present invention comprise a data storage means having stored therein a nucleotide sequence of the present invention and the necessary hardware means and software means for supporting and implementing a search means. As used herein, "data storage means" refers to memory which can store nucleotide sequence information of the present invention, or a memory access means which can access manufactures having recorded thereon the nucleotide sequence information of the present invention.

As used herein, "search means" refers to one or more algorithms or programs which are implemented on the computer-based system to compare a target sequence or target

5

10

structural motif with the sequence information stored within the data storage means. Search means are used to identify fragments or regions of a known sequence which match a particular target sequence or target motif. A variety of known algorithms are disclosed publicly and a variety of available software for conducting search means are and can be used in the computer-based systems of the present invention. Examples of such algorithms or programs includes, but is not limited to, Smith-Waterman and BLAST. A skilled artisan can readily recognize that any one of the available algorithms or implementing software packages for conducting homology searches can be adapted for use in the present computer-based systems.

As used herein, a "target sequence" can be any nucleic acid or amino acid sequence of six or more nucleotides or two or more amino acids. A skilled artisan can readily recognize that the longer a target sequence is, the less likely a target sequence will be present as a random occurrence in the database. The most preferred sequence length of a target sequence is from about 10 to 100 amino acids or from about 30 to 300 nucleotide residues. However, it is well recognized that searches for commercially important fragments, such as sequence fragments involved in gene expression and protein processing, may be of shorter length.

As used herein, "a target structural motif," or "target motif," refers to any rationally selected sequence or combination of sequences in which the sequence(s) are chosen based on a three-dimensional configuration which is formed upon the folding of the target motif. There are a variety of target motifs known in the art. Protein target motifs include, but are not limited to, enzyme active sites and signal sequences. Nucleic acid target motifs include, but are not limited to, promoter sequences, hairpin structures and inducible expression elements (protein binding sequences).

4.9 Expression Modulating Sequences

EMF sequences can be identified within a genome by their proximity to the ORFs. An intergenic segment, or a fragment of the intergenic segment, from about 10 to 200 nucleotides in length, taken 5' from any ORF will modulate the expression of an operably

25

5

10

linked 3' ORF in a fashion similar to that found with the naturally linked ORF sequence. As used herein, an "intergenic segment" refers to the fragments of a genome which are between two ORF(S) herein described. Alternatively, EMFs can be identified using known EMFs as a target sequence or target motif in the computer-based systems of the present invention.

The presence and activity of an EMF can be confirmed using an EMF trap vector. An EMF trap vector contains a cloning site 5' to a marker sequence. A marker sequence encodes an identifiable phenotype, such as antibiotic resistance or a complementing nutrition auxotrophic factor, which can be identified or assayed when the EMF trap vector is placed within an appropriate host under appropriate conditions. As described above, an EMF will modulate the expression of an operably linked marker sequence. A more detailed discussion of various marker sequences is provided below.

A sequence which is suspected as being an EMF is cloned in all three reading frames in one or more restriction sites upstream from the marker sequence in the EMF trap vector. The vector is then transformed into an appropriate host using known procedures and the phenotype of the transformed host is examined under appropriate conditions. As described above, an EMF will modulate the expression of an operably linked marker sequence.

4.10 Triplex Helix Formation

In addition, the fragments of the present invention, as broadly described, can be used to control gene expression through triple helix formation or antisense DNA or RNA, both of which methods are based on the binding of a polynucleotide sequence to DNA or RNA. Polynucleotides suitable for use in these methods are usually 20 to 40 bases in length and are designed to be complementary to a region of the gene involved in transcription (triple helix - see Lee et al., Nucl. Acids Res. 6:3073 (1979); Cooney et al., Science 15241:456 (1988); and Dervan et al., Science 251:1360 (1991)) or to the mRNA itself (antisense - Olmno, J. Neurochem. 56:560 (1991); Oligodeoxynucleotides as Antisense Inhibitors of Gene Expression, CRC Press, Boca Raton, FL (1988)).

5

Triple helix- formation optimally results in a shut-off of RNA transcription from DNA, while antisense RNA hybridization blocks translation of an mRNA molecule into polypeptide. Both techniques have been demonstrated to be effective in model systems. Information contained in the sequences of the present invention is necessary for the design of an antisense or triple helix oligonucleotide.

4.11 Diagnostics Assays and Kits

The present invention further provides methods to identify the expression of one of the ORFs of the present invention, or homolog thereof, in a test sample, using a nucleic acid probe or antibodies of the present invention.

In detail, such methods comprise incubating a test sample with one or more of the antibodies or one or more of nucleic acid probes of the present invention and assaying for binding of the nucleic acid probes or antibodies to components within the test sample.

Conditions for incubating a nucleic acid probe or antibody with a test sample vary. Incubation conditions depend on the format employed in the assay, the detection methods employed, and the type and nature of the nucleic acid probe or antibody used in the assay. One skilled in the art will recognize that any one of the commonly available hybridization, amplification or immunological assay formats can readily be adapted to employ the nucleic acid probes or antibodies of the present invention. Examples of such assays can be found in Chard, T., An Introduction to Radioimmunoassay and Related Techniques, Elsevier Science Publishers, Amsterdam, The Netherlands (1986); Bullock, G.R. et al., Techniques in Immunocytochemistry, Academic Press, Orlando, FL Vol. 1 (1982), Vol. 2 (1983), Vol. 3 (1985); Tijssen, P., Practice and Theory of immunoassays: Laboratory Techniques in Biochemistry and Molecular Biology, Elsevier Science Publishers, Amsterdam, The Netherlands (1985).

The test samples of the present invention include cells, protein or membrane extracts of cells, or biological fluids such as sputum, blood, serum, plasma, or urine. The test sample used in the above-described method will vary based on the assay format, nature of the detection method and the tissues, cells or extracts used as the sample to be assayed.

5

10

Methods for preparing protein extracts or membrane extracts of cells are well known in the art and can be readily be adapted in order to obtain a sample which is compatible with the system utilized.

In another embodiment of the present invention, kits are provided which contain the necessary reagents to carry out the assays of the present invention.

Specifically, the invention provides a compartment kit to receive, in close confinement, one or more containers which comprises: (a) a first container comprising one of the probes or antibodies of the present invention; and (b) one or more other containers comprising one or more of the following: wash reagents, reagents capable of detecting presence of a bound probe or antibody.

In detail, a compartment kit includes any kit in which reagents are contained in separate containers. Such containers include small glass containers, plastic containers or strips of plastic or paper. Such containers allows one to efficiently transfer reagents from one compartment to another compartment such that the samples and reagents are not cross-contaminated, and the agents or solutions of each container can be added in a quantitative fashion from one compartment to another. Such containers will include a container which will accept the test sample, a container which contains the antibodies used in the assay, containers which contain wash reagents (such as phosphate buffered saline, Tris-buffers, etc.), and containers which contain the reagents used to detect the bound antibody or probe.

Types of detection reagents include labeled nucleic acid probes, labeled secondary antibodies, or in the alternative, if the primary antibody is labeled, the enzymatic, or antibody binding reagents which are capable of reacting with the labeled antibody. One skilled in the art will readily recognize that the disclosed probes and antibodies of the present invention can be readily incorporated into one of the established kit formats which are well known in the art.

4.12 Screening Assays

Using the isolated proteins of the present invention, the present invention further provides methods of obtaining and identifying agents which bind to a protein encoded by

10

one of the ORFs from a nucleic acid with a sequence of one of SEQ ID NO: 1-10,289, or to a nucleic acid with a sequence of one of SEQ ID NO: 1-10,289.

For random screening, agents such as peptides, carbohydrates, pharmaceutical agents and the like are selected at random and are assayed for their ability to bind to the protein encoded by the ORF of the present invention.

Alternatively, agents may be rationally selected or designed. As used herein, an agent is said to be "rationally selected or designed" when the agent is chosen based on the configuration of the particular protein. For example, one skilled in the art can readily adapt currently available procedures to generate peptides, pharmaceutical agents and the like capable of binding to a specific peptide sequence in order to generate rationally designed antipeptide peptides, for example see Hurby *et al.*, Application of Synthetic Peptides:

Antisense Peptides," In *Synthetic Peptides, A User's Guide*, W.H. Freeman, NY (1992), pp. 289-307, and Kaspczak *et al.*, *Biochemistry 28*:9230-8 (1989), or pharmaceutical agents, or the like.

In addition to the foregoing, one class of agents of the present invention, as broadly described, can be used to control gene expression through binding to one of the ORFs or EMFs of the present invention. As described above, such agents can be randomly screened or rationally designed/selected. Targeting the ORF or EMF allows a skilled artisan to design sequence specific or element specific agents, modulating the expression of either a single ORF or multiple ORFs which rely on the same EMF for expression control.

One class of DNA binding agents are agents which contain base residues which hybridize or form a triple helix formation by binding to DNA or RNA. Such agents can be based on the classic phosphodiester, ribonucleic acid backbone, or can be a variety of sulfhydryl or polymeric derivatives which have base attachment capacity.

Agents suitable for use in these methods usually contain 20 to 40 bases and are designed to be complementary to a region of the gene involved in transcription (triple helix - see Lee et al., Nucl. Acids Res. 6:3073 (1979); Cooney et al., Science 241:456 (1988); and Dervan et al., Science 251:1360 (1991)) or to the mRNA itself (antisense - Okano, J. Neurochem. 56:560 (1991); Oligodeoxynucleotides as Antisense Inhibitors of Gene Expression, CRC Press, Boca Raton, FL (1988)). Triple helix- formation optimally result.-.

25

25

5

10

in a shut-off of RNA transcription from DNA, while antisense RNA hybridization blocks translation of an mRNA molecule into polypeptide. Both techniques have been demonstrated to be effective in model systems. Information contained in the sequences of the present invention is necessary for the design of an antisense or triple helix oligonucleotide and other DNA binding agents.

Agents which bind to a protein encoded by one of the ORFs of the present invention can be used as a diagnostic agent, in the control of bacterial infection by modulating the activity of the protein encoded by the ORF. Agents which bind to a protein encoded by one of the ORFs of the present invention can be formulated using known techniques to generate a pharmaceutical composition.

4.13 **Preparation of Sequencing Chips and Arrays**

A basic example is using 6-mers attached to 50 micron surfaces to give a chip with dimensions of 3 x 3 mm which can be combined to give an array of 20 x 20 cm. Another example is using 9-mer oligonucleotides attached to 10 x 10 microns surface to create a 9-mer chip, with dimensions of 5 x 5 mm. 4000 units of such chips may be used to create a 30 x 30 cm array. In an array in which 4,000 to 16,000 oligochips are arranged into a square array. A plate, or collection of tubes, as also depicted, may be packaged with the array as part of the sequencing kit.

The arrays may be separated physically from each other or by hydrophobic surfaces. One possible way to utilize the hydrophobic strip separation is to use technology such as the Iso-Grid Microbiology System produced by QA Laboratories, Toronto, Canada.

Hydrophobic grid membrane filters (HGMF) have been in use in analytical food microbiology for about a decade where they exhibit unique attractions of extended numerical range and automated counting of colonies. One commercially-available grid is ISO-GRID[™] from QA Laboratories Ltd. (Toronto, Canada) which consists of a square (60 x 60 cm) of polysulfone polymer (Gelman Tuffryn HT-450, 0.45u pore size) on which is printed a black hydrophobic ink grid consisting of 1600 (40 x 40) square cells. HGMF have

10

previously been inoculated with bacterial suspensions by vacuum filtration and incubated on the differential or selective media of choice.

Because the microbial growth is confined to grid cells of known position and size on the membrane, the HGMF functions more like an MPN apparatus than a conventional plate or membrane filter. Peterkin *et al.* (1987) reported that these HGMFs can be used to propagate and store genomic libraries when used with a HGMF replicator. One such instrument replicates growth from each of the 1600 cells of the ISO-GRID and enables many copies of the master HGMF to be made (Peterkin *et al.*, 1987).

Sharpe *et al.* (1989) also used ISO-GRID HGMF form QA Laboratories and an automated HGMF counter (MI-100 Interpreter) and RP-100 Replicator. They reported a technique for maintaining and screening many microbial cultures.

Peterkin and colleagues later described a method for screening DNA probes using the hydrophobic grid-membrane filter (Peterkin *et al.*, 1989). These authors reported methods for effective colony hybridization directly on HGMFs. Previously, poor results had been obtained due to the low DNA binding capacity of the epoxysulfone polymer on which the HGMFs are printed. However, Peterkin *et al.* (1989) reported that the binding of DNA to the surface of the membrane was improved by treating the replicated and incubated HGMF with polyethyleneimine, a polycation, prior to contact with DNA. Although this early work uses cellular DNA attachment, and has a different objective to the present invention, the methodology described may be readily adapted for Format 3 SBH.

In order to identify useful sequences rapidly, Peterkin *et al.* (1989) used radiolabeled plasmid DNA from various clones and tested its specificity against the DNA on the prepared HGMFs. In this way, DNA from recombinant plasmids was rapidly screened by colony hybridization against 100 organisms on HGMF replicates which can be easily and reproducibly prepared.

Manipulation with small (2-3 mm) chips, and parallel execution of thousands of the reactions. The solution of the invention is to keep the chips and the probes in the corresponding arrays. In one example, chips containing 250,000 9-mers are synthesized on a silicon wafer in the form of 8 x 8 mM plates (15 uM/oligonucleotide, Pease et al., 1994) arrayed in 8 x 12 format (96 chips) with a 1 mM groove in between. Probes are added

30

5

10

either by multichannel pipette or pin array, one probe on one chip. To score all 4000 6-mers, 42 chip arrays have to be used, either using different ones, or by reusing one set of chip arrays several times.

In the above case, using the earlier nomenclature of the application, F=9; P=6; and F+P=15. Chips may have probes of formula BxNn, where x is a number of specified bases B; and n is a number of non-specified bases, so that x=4 to 10 and n=1 to 4. To achieve more efficient hybridization, and to avoid potential influence of any support oligonucleotides, the specified bases can be surrounded by unspecified bases, thus represented by a formula such as (N)nBx(N)m.

4.14 Preparation of Support Bound Oligonucleotides

Oligonucleotides, i.e., small nucleic acid segments, may be readily prepared by, for example, directly synthesizing the oligonucleotide by chemical means, as is commonly practiced using an automated oligonucleotide synthesizer.

Support bound oligonucleotides may be prepared by any of the methods known to those of skill in the art using any suitable support such as glass, polystyrene or Teflon. One strategy is to precisely spot oligonucleotides synthesized by standard synthesizers. Immobilization can be achieved using passive adsorption (Inouye & Hondo, 1990); using UV light (Nagata *et al.*, 1985; Dahlen *et al.*, 1987; Morriey & Collins, 1989) or by covalent binding of base modified DNA (Keller *et al.*, 1988; 1989); all references being specifically incorporated herein.

Another strategy that may be employed is the use of the strong biotin-streptavidin interaction as a linker. For example, Broude *et al.* (1994) describe the use of Biotinylated probes, although these are duplex probes, that are immobilized on streptavidin-coated magnetic beads. Streptavidin-coated beads may be purchased from Dynal, Oslo. Of course, this same linking chemistry is applicable to coating any surface with streptavidin. Biotinylated probes may be purchased from various sources, such as, e.g., Operon Technologies (Alameda, CA).

10

Nunc Laboratories (Naperville, IL) is also selling suitable material that could be used. Nunc Laboratories have developed a method by which DNA can be covalently bound to the microwell surface termed Covalink NH. CovaLink NH is a polystyrene surface grafted with secondary amino groups (>NH) that serve as bridge-heads for further covalent coupling. CovaLink Modules may be purchased from Nunc Laboratories. DNA molecules may be bound to CovaLink exclusively at the 5'-end by a phosphoramidate bond, allowing immobilization of more than 1 pmol of DNA (Rasmussen *et al.*, 1991).

The use of CovaLink NH strips for covalent binding of DNA molecules at the 5'-end has been described (Rasmussen et al., 1991). In this technology, a phosphoramidate bond is employed (Chu et al., 1983). This is beneficial as immobilization using only a single covalent bond is preferred. The phosphoramidate bond joins the DNA to the CovaLink NH secondary amino groups that are positioned at the end of spacer arms covalently grafted onto the polystyrene surface through a 2 nm long spacer arm. To link an oligonucleotide to CovaLink NH via an phosphoramidate bond, the oligonucleotide terminus must have a 5'-end phosphate group. It is, perhaps, even possible for biotin to be covalently bound to CovaLink and then streptavidin used to bind the probes.

More specifically, the linkage method includes dissolving DNA in water (7.5 ng/ul) and denaturing for 10 min. at 95°C and cooling on ice for 10 min. Ice-cold 0.1 M 1-methylimidazole, pH 7.0 (1-MeIm₇), is then added to a final concentration of 10 mM 1-MeIm₇. A ss DNA solution is then dispensed into CovaLink NH strips (75 ul/well) standing on ice.

Carbodiimide 0.2 M 1-ethyl-3-(3-dimethylaminopropyl)-carbodiimide (EDC), dissolved in 10 mM 1-MeIm₇, is made fresh and 25 ul added per well. The strips are incubated for 5 hours at 50°C. After incubation the strips are washed using, e.g., Nunc-Immuno Wash; first the wells are washed 3 times, then they are soaked with washing solution for 5 min., and finally they are washed 3 times (where in the washing solution is 0.4 N NaOH, 0.25% SDS heated to 50°C).

It is contemplated that a further suitable method for use with the present invention is that described in PCT Patent Application WO 90/03382 (Southern & Maskos), incorporated herein by reference. This method of preparing an oligonucleotide bound to a support

10

involves attaching a nucleoside 3'-reagent through the phosphate group by a covalent phosphodiester link to aliphatic hydroxyl groups carried by the support. The oligonucleotide is then synthesized on the supported nucleoside and protecting groups removed from the synthetic oligonucleotide chain under standard conditions that do not cleave the oligonucleotide from the support. Suitable reagents include nucleoside phosphoramidite and nucleoside hydrogen phosphorate.

An on-chip strategy for the preparation of DNA probe for the preparation of DNA probe arrays may be employed. For example, addressable laser-activated photodeprotection may be employed in the chemical synthesis of oligonucleotides directly on a glass surface, as described by Fodor *et al.* (1991), incorporated herein by reference. Probes may also be immobilized on nylon supports as described by Van Ness *et al.* (1991); or linked to Teflon using the method of Duncan & Cavalier (1988); all references being specifically incorporated herein.

To link an oligonucleotide to a nylon support, as described by Van Ness *et al.* (1991), requires activation of the nylon surface via alkylation and selective activation of the 5'-amine of oligonucleotides with cyanuric chloride.

One particular way to prepare support bound oligonucleotides is to utilize the light-generated synthesis described by Pease *et al.*, (1994, incorporated herein by reference). These authors used current photolithographic techniques to generate arrays of immobilized oligonucleotide probes (DNA chips). These methods, in which light is used to direct the synthesis of oligonucleotide probes in high-density, miniaturized arrays, utilize photolabile 5'-protected *N*-acyl-deoxynucleoside phosphoramidites, surface linker chemistry and versatile combinatorial synthesis strategies. A matrix of 256 spatially defined oligonucleotide probes may be generated in this manner and then used in the advantageous Format 3 sequencing, as described herein.

Of course, one could easily purchase a DNA chip, such as one of the light-activated chips described above, from a commercial source. In this regard, one may contact Affymetrix of Santa Clara, CA 95051, and Beckman.

10

4.15 Preparation of Nucleic Acid Fragments

The nucleic acids to be sequenced may be obtained from any appropriate source, such as cDNAs, genomic DNA, chromosomal DNA, microdissected chromosome bands, cosmid or YAC inserts, and RNA, including mRNA without any amplification steps. For example, Sambrook *et al.* (1989) describes three protocols for the isolation of high molecular weight DNA from mammalian cells (p. 9.14-9.23).

DNA fragments may be prepared as clones in M13, plasmid or lambda vectors and/or prepared directly from genomic DNA or cDNA by PCR or other amplification methods. Samples may be prepared or dispensed in multiwell plates. About 100-1000 ng of DNA samples may be prepared in 2-500 ml of final volume.

The nucleic acids would then be fragmented by any of the methods known to those of skill in the art including, for example, using restriction enzymes as described at 9.24-9.28 of Sambrook *et al.* (1989), shearing by ultrasound and NaOH treatment.

Low pressure shearing is also appropriate, as described by Schriefer *et al.* (1990, incorporated herein by reference). In this method, DNA samples are passed through a small French pressure cell at a variety of low to intermediate pressures. A lever device allows controlled application of low to intermediate pressures to the cell. The results of these studies indicate that low-pressure shearing is a useful alternative to sonic and enzymatic DNA fragmentation methods.

One particularly suitable way for fragmenting DNA is contemplated to be that using the two base recognition endonuclease, *CviJI*, described by Fitzgerald *et al.* (1992). These authors described an approach for the rapid fragmentation and fractionation of DNA into particular sizes that they contemplated to be suitable for shotgun cloning and sequencing. The present inventor envisions that this will also be particularly useful for generating random, but relatively small, fragments of DNA for use in the present sequencing technology.

The restriction endonuclease *Cvi*JI normally cleaves the recognition sequence PuGCPy between the G and C to leave blunt ends. Atypical reaction conditions, which alter the specificity of this enzyme (*Cvi*JI**), yield a quasi-random distribution of DNA fragments form the small molecule pUC19 (2688 base pairs). Fitzgerald *et al.* (1992)

30

10

20

25

quantitatively evaluated the randomness of this fragmentation strategy, using a CviΠ** digest of pUC19 that was size fractionated by a rapid gel filtration method and directly ligated, without end repair, to a lac Z minus M13 cloning vector. Sequence analysis of 76 clones showed that CviII** restricts pyGCPy and PuGCPu, in addition to PuGCPy sites, and that new sequence data is accumulated at a rate consistent with random fragmentation.

As reported in the literature, advantages of this approach compared to sonication and agarose gel fractionation include: smaller amounts of DNA are required (0.2-0.5 ug instead of 2-5 ug); and fewer steps are involved (no preligation, end repair, chemical extraction, or agarose gel electrophoresis and elution are needed). These advantages are also proposed to be of use when preparing DNA for sequencing by Format 3.

Irrespective of the manner in which the nucleic acid fragments are obtained or prepared, it is important to denature the DNA to give single stranded pieces available for hybridization. This is achieved by incubating the DNA solution for 2-5 minutes at 80-90°C. The solution is then cooled quickly to 2°C to prevent renaturation of the DNA fragments before they are contacted with the chip. Phosphate groups must also be removed from genomic DNA by methods known in the art.

4.16 **Preparation of DNA Arrays**

Arrays may be prepared by spotting DNA samples on a support such as a nylon membrane. Spotting may be performed by using arrays of metal pins (the positions of which correspond to an array of wells in a microtiter plate) to repeated by transfer of about 20 nl of a DNA solution to a nylon membrane. By offset printing, a density of dots higher than the density of the wells is achieved. One to 25 dots may be accommodated in 1 mm², depending on the type of label used. By avoiding spotting in some preselected number of rows and columns, separate subsets (subarrays) may be formed. Samples in one subarray may be the same genomic segment of DNA (or the same gene) from different individuals, or may be different, overlapped genomic clones. Each of the subarrays may represent replica spotting of the same samples. In one example, a selected gene segment may be amplified from 64 patients. For each patient, the amplified gene segment may be in one

5

25

96-well plate (all 96 wells containing the same sample). A plate for each of the 64 patients is prepared. By using a 96-pin device, all samples may be spotted on one 8 x 12 cm membrane. Subarrays may contain 64 samples, one from each patient. Where the 96 subarrays are identical, the dot span may be 1 mm² and there may be a 1 mm space between subarrays.

Another approach is to use membranes or plates (available from NUNC, Naperville, Illinois) which may be partitioned by physical spacers e.g. a plastic grid molded over the membrane, the grid being similar to the sort of membrane applied to the bottom of multiwell plates, or hydrophobic strips. A fixed physical spacer is not preferred for imaging by exposure to flat phosphor-storage screens or x-ray films.

The present invention is illustrated in the following examples. Upon consideration of the present disclosure, one of skill in the art will appreciate that many other embodiments and variations may be made in the scope of the present invention. Accordingly, it is intended that the broader aspects of the present invention not be limited to the disclosure of the following examples. The present invention is not to be limited in scope by the exemplified embodiments which are intended as illustrations of single aspects of the invention, and compositions and methods which are functionally equivalent are within the scope of the invention. Indeed, numerous modifications and variations in the practice of the invention are expected to occur to those skilled in the art upon consideration of the present preferred embodiments. Consequently, the only limitations which should be placed upon the scope of the invention are those which appear in the appended claims.

All references cited within the body of the instant specification are hereby incorporated by reference in their entirety.

5.0 EXAMPLES

5.1 EXAMPLE 1

Novel Nucleic Acid Sequences Obtained From Various Libraries

A plurality of novel nucleic acids were obtained from cDNA libraries prepared from various human tissues and in some cases isolated from a genomic library derived from

25

5

10

human chromosome using standard PCR, SBH sequence signature analysis and Sanger sequencing techniques. The inserts of the library were amplified with PCR using primers specific for the vector sequences which flank the inserts. Clones from cDNA libraries were spotted on nylon membrane filters and screened with oligonucleotide probes (e.g., 7-mers) to obtain signature sequences. The clones were clustered into groups of similar or identical sequences. Representative clones were selected for sequencing.

In some cases, the 5' sequence of the amplified inserts was then deduced using a typical Sanger sequencing protocol. PCR products were purified and subjected to fluorescent dye terminator cycle sequencing. Single pass gel sequencing was done using a 377 Applied Biosystems (ABI) sequencer to obtain the novel nucleic acid sequences. In some cases RACE (Random Amplification of cDNA Ends) was performed to further extend the sequence in the 5' direction.

5.2 EXAMPLE 2

Novel Contigs

The novel contigs of the invention were assembled from sequences that were obtained from a cDNA library by methods described in Example 1 above, and in some cases sequences obtained from one or more public databases. Chromatograms were base called and assembled using a software suite from University of Washington, Seattle containing three applications designated PHRED, PHRAP, and CONSED. The sequences for the resulting contigs are designated as SEQ ID NO: 1-10,289 and are provided in the attached Sequence Listing. The contigs were assembled using an EST sequence as a seed. Then a recursive algorithm was used to extend the seed EST into an extended assemblage, by pulling additional sequences from different databases (i.e., Hyseq's database containing EST sequences, dbEST version 114, gb pri 114, and UniGene version 101) that belong to this assemblage. The algorithm terminated when there was no additional sequences from the above databases that would extend the assemblage. Inclusion of component sequences into the assemblage was based on a BLASTN hit to the extending assemblage with BLAST score greater than 300 and percent identity greater than 95%.

5

The nearest neighbor result for the assembled contig was obtained by a FASTA version 3 search against Genpept release 114, using Fastxy algorithm. Fastxy is an improved version of FASTA alignment which allows in-codon frame shifts. The nearest neighbor result showed the closest homologue for each assemblage from Genpept (and contains the translated amino acid sequences for which the assemblage encodes). The nearest neighbor results for SEQ ID NO: 1-10,289 are shown in Table 1.

TABLE 1: Nearest neighbor (FastA v. Genbank, Genpept release 114)

SEQ	ACCESSION	DESCRIPTION	SMITH-	8
ID	NO.		WATERMAN	IDENTITY
NO.			SCORE	
<u> </u>	•	<u> </u>		
1	L27428	Homo sapiens reverse transcriptase	253	32.129
2	X97675	Homo sapiens plakophilin 2b	167	50.794
3	U49082	Homo sapiens transporter protein	1001	56.122
4	U17247	Saccharomyces cerevisiae Imhlp	164	25.217
5	Z38061	Saccharomyces cerevisiae mal5, stal,	320	26.144
		len: 1367, CAI: 0.3, AMYH_YEAST P08640		
		GLUCOAMYLASE S1 (EC 3.2.1.3)		
6	AF080234	Human endogenous retrovirus K polymerase	330	46.774
7	M13101	Rattus norvegicus unknown protein	265	49.398
8	M12140	Homo sapiens envelope protein	458	40.865
9	U49974	Homo sapiens mariner transposase	545	78.571
10	AB014549	Homo sapiens KIAA0649 protein	588	81.818
11	Y12713	Mus musculus Pro-Pol-dUTPase polyprotein	266	65.789
12	AB007903	Homo sapiens KIAA0443	1527	65.445
13	X78933	Homo sapiens zinc finger protein	465	65.979
14	AF081111	Mus musculus domesticus ORF2	276	63.158
15	AF081111	Mus musculus domesticus ORF2	178	46.341
16	AB012223	Canis familiaris ORF2	271	49.485
17	X03725	Mus musculus ORF 2 (466 aa)	222	43.902
18	U49974	Homo sapiens mariner transposase	870	71.491
19	D49677	Homo sapiens U2AF1-RS2	476	67.391
20	AJ001714	Homo sapiens Myosin-IXA	261	58.750
21	U93572	Homo sapiens putative p150	295	50.000
22	AB012223	Canis familiaris ORF2	182	43.434
23	X53581	Rattus norvegicus ORF4	176	40.230
24	L27428	Homo sapiens reverse transcriptase	223	35.714
25	U93568	Homo sapiens putative p150	227	65.574
26	Y12713	Mus musculus Pro-Pol-dUTPase polyprotein	285	52.542
27	AF003535	Homo sapiens ORF2-like protein	252	42.149
28	AF123881	multiple sclerosis associated retrovirus	549	84.821
		element gag polyprotein		
29	AF123881	multiple sclerosis associated retrovirus	391	62.500
		element gag polyprotein		
30	AB022046	Cynops pyrrhogaster alphal type II	151	35.294
		collagen		
31	AF015539	Mytilus edulis precollagen P	265	32.950
32	Y12713	Mus musculus Pro-Pol-dUTPase polyprotein	367	57.983
33	AL032660	Caenorhabditis elegans predicted using	930	37.174
		Genefinder	<u></u>	.L

34	AJ005073	Mus musculus Alix	2666	88.565
35	AL117237	Homo sapiens hypothetical protein	523	72.656
36	U93570	Homo sapiens p40	190	33.333
37	U09116	Homo sapiens ORF2, encodes a reverse transcriptase homolog	248	47.107
38	M34651	Pseudorabies virus ORF-3 protein	159	40.206
39	L76559	Drosophila melanogaster mus308	271	51.724
40	X06745	Homo sapiens DNA polymerase alpha- subunit (AA 1 - 1462)	382	68.317
41	U83119	Rattus norvegicus ORF2 consensus sequence encoding endonuclease and reverse transcriptase minus RNaseH	161	39.831
42	U89959	Arabidopsis thaliana Similar to yeast general negative regulator of transcription subunit 1	527	38.435
43	AB012223	Canis familiaris ORF2	337	38.122
44	X52235	Homo sapiens ORFII	248	46.429
45	U93574	Homo sapiens putative p150	250	47.706
46	AB012223	Canis familiaris ORF2	361	45.802
47	M13002	Mus musculus 2855 is the position of the first start codon in ORF 2; putative	149	40.000
48	X65551	Homo sapiens antigen of the monoclonal antibody Ki-67	224	76.471
49	X03725	Mus musculus ORF 2 (466 aa)	291	45.536
50	U23857	Herpesvirus papio EBNA1	125	36.782
51	AF003535	Homo sapiens ORF2-like protein	220	42.029
52	AF003535	Homo sapiens ORF2-like protein	233	42.574
53	AB012223	Canis familiaris ORF2	357	53.077
54	X03145	Homo sapiens pot. ORF I	270	50.538
55	AF071081	Mycobacterium tuberculosis proline-rich mucin homolog	198	39.000
56	M64793	Rattus norvegicus salivary proline-rich protein	194	35.115
57	AF167320	Mus musculus zinc finger protein ZFP113	742	55.026
58	U83086	Dictyostelium discoideum LimA	200	29.126
59	272499	Homo sapiens herpesvirus associated ubiquitin-specific protease (HAUSP)	588	69.173
60	AF078828	Homo sapiens talin	557	71.429
61	L18966	Bos taurus pyruvate dehydrogenase phosphatase	2169	90.685
62	AF081114		288	42.157
63	AF041330	Bodo saltans NADH dehydrogenase subunit 5	166	38.053
64	AF149422	Homo sapiens unknown	207	41.228
65	L27428	Homo sapiens reverse transcriptase	170	40.230
66	AF003535	Homo sapiens ORF2-like protein	292	56.731
67	AJ001563	Homo sapiens immunoglobulin heavy chain, constant region	554	77.876
68	AB012223	Canis familiaris ORF2	225	38.000
69	Y12713	Mus musculus Pro-Pol-dUTPase polyprotein	148	41.379
70	U83303	Homo sapiens line-1 reverse transcriptase	139	39.474
71	X03145	Homo sapiens pot. ORF I	217	41.509
72	AF003535	Homo sapiens ORF2-like protein	197	44.231
73	U83303	Homo sapiens line-1 reverse transcriptase	314	56.140
74	X52235	Homo sapiens ORFII	202	52.830
		1 110mo Ouptono Ontiti	,	1 22.000
75	L49380	Homo sapiens transcription factor ZFM1	232	28.261

		factor IF2	1	
77	M34059	Homo sapiens beta-globin	283	75.000
78	M11841	simian type D virus 1 pol protein	234	37.879
79	Y12713	Mus musculus Pro-Pol-dUTPase polyprotein	190	40.000
80	M22333	Homo sapiens unknown protein	215	42.857
81	D86850	Homo sapiens HADHB	163	58.491
82	M22334	Homo sapiens unknown protein	230	60.563
83	S80119	Rattus sp. reverse transcriptase homolog	264	48.000
84	AF081114	Mus musculus domesticus ORF2	213	47.826
85	U09116	Homo sapiens ORF2, encodes a reverse	244	42.857
U.S	003110	transcriptase homolog		12.007
86	AJ010479	Homo sapiens kinesin-like protein	464	69.091
87	X61296	Rattus norvegicus open reading frame 2	240	41.085
88	Z24734	Meloidogyne incognita cuticular collagen	165	34.416
89	U72069	Homo sapiens karyopherin beta2	538	67.361
90	M55409	Homo sapiens pancreatic tumor-related	273	59.494
<i>J</i> U	1133403	protein	2,3	33.333
91	X07881	Homo sapiens proline-rich protein G1	205	38.182
92	U22961	Homo sapiens similar to human albumin,	428	84.043
		Swiss-Prot Accession Number P02768;		
		Method: conceptual translation supplied		İ
		by author		İ
93	D89053	Homo sapiens Acyl-CoA synthetase 3	683	66.667
94	AF006514	Homo sapiens CHD2	293	58.242
95	X59841	Homo sapiens homeobox protein	648	70.130
96	M74816	Homo sapiens sulfated glycoprotein-2	413	76.829
97	X58251	Mus musculus pro-alpha-2(I) collagen	190	31.579
98	271173	Mus musculus inositol 1,4,5-	375	66.667
		trisphosphate receptor type 2		
99	S80119	Rattus sp. reverse transcriptase homolog	183	40.625
100	U22055	Homo sapiens 100 kDa coactivator	402	76.667
101	X14690	Homo sapiens lambda HuHITI-13	209	51.899
102	AF003535	Homo sapiens ORF2-like protein	170	34.234
103	M22333	Homo sapiens unknown protein	214	43.519
104	L11672	Homo sapiens zinc finger protein	685	44.033
105	M22333	Homo sapiens unknown protein	261	43.750
106	AB002312	Homo sapiens KIAA0314	433	69.903
107	X55777	Homo sapiens put. ORF	309	68.056
108	AF009668	multiple sclerosis associated retrovirus	410	60.377
		polyprotein		
109	U22961	Homo sapiens similar to human albumin,	532	76.364
		Swiss-Prot Accession Number P02768;		
		Method: conceptual translation supplied		
		by author		
110	AB012223	Canis familiaris ORF2	269	41.497
111	L06147	Homo sapiens golgin-95	752	57.752
112	X61048	Hydra sp. mini-collagen	141	42.391
113	L27428	Homo sapiens reverse transcriptase	286	45.299
114	X82153	Homo sapiens Cathepsin O	308	54.167
115	D13629	Homo sapiens KIAA0004	169	42.000
116	AF123881	multiple sclerosis associated retrovirus	409	41.071
		element gag polyprotein		
117	AB019602	Homo sapiens IDN3-B	237	53.012
118	AF155099	Homo sapiens NY-REN-18 antigen	237	47.423
119	AB020660	Homo sapiens KIAA0853 protein	153	31.304
120	AJ249625	Paracentrotus lividus Chaperonin	413	63.208
121	M22334	Homo sapiens unknown protein	282	49.565
122	X70391	Mus musculus inter-alpha-inhibitor H1	170	77.778
		chain		

		1		T 66 256
123	D88899	Mus musculus kidney-derived aspartic	242	66.071
124	U93572	protease-like protein	159	30.833
124	AL117200	Homo sapiens p40	193	38.095
125	AL11/200	Caenorhabditis elegans predicted using Genefinder; preliminary prediction	193	38.095
126	AL117200	Caenorhabditis elegans predicted using	183	37.349
120	ALI17200	Genefinder; preliminary prediction	103	37.349
127	AJ388555	Canis familiaris hypothetical protein	1720	75.703
128	L27428	Homo sapiens reverse transcriptase	226	37.313
129	U93567	Homo sapiens putative p150	470	49.524
130	AL050060	Homo sapiens hypothetical protein	286	64.000
131	Y12713	Mus musculus Gag polyprotein	270	44.444
132	M58704	Homo sapiens 12-lipoxygenase	306	60.204
133	L19713	Homo sapiens dematin	236	68.182
134	L36120	Medicago sativa proline rich protein	172	39.655
135	L26245	Homo sapiens effector cell protease	259	47.619
		receptor 1		17,023
136	AB028997	Homo sapiens KIAA1074 protein	286	44.697
137	AF075575	Homo sapiens dysferlin	242	59.701
138	L29028	Unknown amino acid feature: N-	163	45.652
		glycosylation sites, aa 41 43, 46		
		48, 51 53, 72 74, 107 .		
139	AF010144	Homo sapiens neuronal thread protein	485	47.584
		AD7c-NTP		
140	AB012223	Canis familiaris ORF2	323	46.226
141	X97630	Homo sapiens serine/threonine protein	322	39.474
		kinase		
142	D83776	Homo sapiens The KIAA0191 gene is	1932	53.103
		expressed ubiquitously.; The KIAA0191		
		protein retains the C2H2 zinc-finger at		
1.42	7700046	its N-terminal region.	1.60	
143	U80846	Caenorhabditis elegans No definition	163	28.070
144	U60269	line found Homo sapiens putative envelope protein;	521	69.079
144	000209	orf similar to env of Type A and Type B	321	09.079
		retroviruses and to class II HERVs		
145	X13885	Nicotiana tabacum extensin (AA 1-620)	293	26.138
146	AB012223	Canis familiaris ORF2	352	44.509
147	AF003535	Homo sapiens ORF2-like protein	248	47.423
148	AB012223	Canis familiaris ORF2	276	51.685
149	AB014574	Homo sapiens KIAA0674 protein	4403	96.296
150	X98494	Homo sapiens M phase phosphoprotein 10	254	74.194
151	AB012223	Canis familiaris ORF2	482	47.514
152	M80537	Drosophila melanogaster fat protein	549	35.043
153	X51622	Caenorhabditis elegans collagen	213	36.702
154	X87629	Homo sapiens nicotinic acetylcholine	138	29.365
		receptor		-
155	AB011126	Homo sapiens KIAA0554 protein	294	46.207
156	X55126	Mus musculus Zfp-29	522	44.907
157	M61120	Homo sapiens loricrin	183	32.240
158	U02313	Mus musculus protein kinase	238	51.807
159	AB002342	Homo sapiens KIAA0344	299	32.203
160	AF003535	Homo sapiens ORF2-like protein	246	47.573
161	U95090	Homo sapiens F19541_1	1239	59.950
162	X52235	Homo sapiens ORFII	405	54.478
163	AB012223	Canis familiaris ORF2	448	51.748
164	AB017600	Haliotis discus collagen pro alpha-chain	173	28.992
165	М13002	Mus musculus 2855 is the position of the	381	60.177
L	<u></u>	first start codon in ORF 2; putative		

166	X71602	Nicotiana tabacum extensin	164	36.364
167	AL117200	Caenorhabditis elegans predicted using	304	34.641
~ .		Genefinder; preliminary prediction	**.	"""
168	X52235	Homo sapiens ORFII	231	39.024
169	M31524	Saccharomyces cerevisiae PRP16 peptide	337	34.254
100	1131324	(put. helicase); putative	337	31.231
170	AB012223	Canis familiaris ORF2	444	52.841
171	AB012223	Canis familiaris ORF2	626	40.294
172	M92040	Strongylocentrotus purpuratus alpha-1	234	30.213
1 1 / 2	M32040	collagen	234	30.213
173	AF084205	Rattus norvegicus serine/threonine	896	85.625
1 1 / 3	AF004203	protein kinase TAO1	0 9 0	03.023
174	M63595	Xenopus laevis alpha-1 type II collagen	351	30.116
175	AF085809	Mus musculus synapsin Ib	205	33.880
176	AC004794	Homo sapiens Acetolactate synthase	253	49.180
177	AL049482	Arabidopsis thaliana putative protein	487	42.366
178	U09413	Homo sapiens zinc finger protein ZNF135	906	53.138
179	AL023781	Schizosaccharomyces pombe N-terminal	816	41.212
113	AL023761	acetyltransferase 1	010	41.212
180	Y14685	Arabidopsis thaliana polynucleotide	61	41.379
100	114003	phosphorylase	01	41.3/9
181	M80341	Homo sapiens ORF2 contains a reverse	477	51.282
101	1000341	transcriptase domain.; ORF2	3//	31.202
182	AF003131	Caenorhabditis elegans C. elegans UNC-89	282	25.153
102	ALOUSISI	(GB: U33058) (NID:g1160355)	202	23.133
183	AL022374	Streptomyces coelicolor putative ABC	181	40.299
100	112022371	transporter	101	10.200
184	U93569	Homo sapiens putative p150	886	55.294
185	U93568	Homo sapiens putative p150	256	38.583
186	X64697	Homo sapiens titin	1535	82.724
187	AB025259	Mus musculus granuphilin-b	201	31.210
188	D14663	Homo sapiens KIAA0107	346	66.055
189	AJ007798	Homo sapiens nuclear protein SA3	734	59.041
190	AB018281	Homo sapiens KIAA0738 protein	566	40.876
191	U07973	Gallus gallus alpha-1 collagen type III	207	30.189
192	M35547	Human herpesvirus 4 LF3 gene product	294	27.523
193	U53445	Homo sapiens DOC1	201	28.205
194	U76618	Mus musculus N-RAP	2955	83.422
195	M25984	Gallus gallus alpha-2 type I collagen	305	28.634
196	U41557	Caenorhabditis elegans proline and	437	35.018
130	011337	glycine-rich	1337	33.010
197	AB028997	Homo sapiens KIAA1074 protein	311	50.000
198	U59694	Homo sapiens zinc finger protein	362	44.853
130	00303.	basonuclin	302	14.033
199	Y10392	Human endogenous retrovirus K gag	761	49.550
1.73	110002	protein	1,01	45.550
200	AF167320	Mus musculus zinc finger protein ZFP113	536	52.288
201	X92485	Plasmodium vivax pval	269	59.036
202	U47856	Araneus diadematus fibroin-4	204	29.588
203	AB020708	Homo sapiens KIAA0901 protein	406	29.260
204	AF056936	Plasmodium falciparum mature parasite-	240	21.245
		infected erythrocyte surface antigen		
205	275330	Homo sapiens nuclear protein SA-1	194	48.810
206	X92887	Human endogenous retrovirus K pol/env	693	41.833
207	X13885	Nicotiana tabacum extensin (AA 1-620)	239	31.274
208	AC005990	Arabidopsis thaliana Strong similarity	255	34.545
		to PFAM PF 00069 Eukaryotic protein		
		kinase domain.		
209	U93563	Homo sapiens putative p150	1103	53.670
				

210	X14420	Homo sapiens prepro-alpha-1 type 3	301	28.918
210	X14420	collagen	301	20.310
211	AF133730	Rattus norvegicus Slit2	339	29.730
212	AL080123	Homo sapiens hypothetical protein	627	47.391
213	AL021918	Homo sapiens b3418.1 (Kruppel related	1440	56.587
213	1111021310	Zinc Finger protein 184)	1110	30.307
214	U35245	Rattus norvegicus vacuolar protein	951	64.800
	000210	sorting homolog r-vps33b	1 30 #	0
215	AB007860	Homo sapiens KIAA0400	242	27.511
216	AJ010585	Rattus rattus PTB-like protein	1304	80.216
217	M27878	Homo sapiens DNA binding protein	1721	69.252
218	U59655	Pithecia pithecia MHC class I Pipi-G*04	431	69.474
219	AF159296	Lycopersicon esculentum extensin-like	340	33.333
		protein		
220	AF010144	Homo sapiens neuronal thread protein	287	61.458
		AD7c-NTP		
221	AF071081	Mycobacterium tuberculosis proline-rich	325	26.979
		mucin homolog		
222	X06021	Xenopus laevis Xfin protein (AA 1 -	1093	36.266
		1350)		
223	AF010144	Homo sapiens neuronal thread protein	323	64.646
		AD7c-NTP		
224	AF052663	Xenopus laevis gamma-tubulin interacting	294	29.528
		protein		
225	AB017600	Haliotis discus collagen pro alpha-chain	252	29.487
226	AB023065	Rattus norvegicus O-sialoglycoprotease	431	61.429
227	M22334	Homo sapiens unknown protein	364	38.438
228	U41557	Caenorhabditis elegans proline and	143	30.530
		glycine-rich		
229	S57132	Homo sapiens type XVI collagen alpha 1	237	29.860
000		chain, alpha 1 (XVI)		20.000
230	U97553	murine herpesvirus 68 unknown	262	32.899
231	X89453	Rattus norvegicus DRPLA	201	27.869
232	AL118514	Streptomyces coelicolor A3(2) DNA	163	27.059
222	D29642	polymerase III subunit gamma	210	41 000
233	AF153062	Homo sapiens KIAA0053	312	41.290
234	AF153062	Canis familiaris type I collagen pre-	218	33.333
235	AF032103	pro-alphal(I) chain	313	39.216
236	AB002319	Homo sapiens ataxin-7 Homo sapiens KIAA0321	179	36.275
237	Y12713	Mus musculus Pro-Pol-dUTPase polyprotein	519	71.930
238	U87607	Rattus norvegicus putative RNA binding	299	46.667
230	007007	protein 1	299	40.007
239	X53581	Rattus norvegicus ORF3	797	49.858
240	Z11922	Canis familiaris Ran	383	81.579
241	M77194	Rat leukemia virus polymerase	261	44.094
242	Z34465	Zea mays extensin-like protein	292	32.527
243	AF017178	Homo sapiens pro alpha 1(I) collagen	185	29.344
244	AC008075	Arabidopsis thaliana F24J5.4	193	34.932
245	U41557	Caenorhabditis elegans histidine-rich	190	31.646
246	U76618	Mus musculus N-RAP	1470	47.599
247	AC004561	Arabidopsis thaliana putative proline-	219	28.041
• •		rich protein		-3.5.1
248	X07441	Turnip yellow mosaic virus 69K ORF (AA	153	30.085
		1-628)		
249	AB012223	Canis familiaris ORF2	341	48.592
250	AF000657	Arabidopsis thaliana hypothetical	249	28.718
	1	protein		
	ı	procern		

	1	10.	1160	105 011
252	AL118514	Streptomyces coelicolor A3(2) DNA polymerase III subunit gamma	163	35.811
253	X66358	Homo sapiens serine/threonine protein kinase	505	88.571
254	U09413	Homo sapiens zinc finger protein ZNF135	1102	45.498
255	AL079308	Streptomyces coelicolor putative	168	42.593
		serine/threonine protein kinase		
256	AF169388	Mus musculus alpha 4 collagen IV	240	27.609
257	U93564	Homo sapiens putative p150	260	37.727
258	M12140	Homo sapiens envelope protein	395	59.322
259	AC004955	Homo sapiens supported by ESTs T61992 (NID:g665235) and W26450 (NID:g1307167) and Genscan	268	64.103
260	Z82268	Unknown cDNA EST yk338g10.5 comes from this gene; cDNA EST EMBL:D27934 comes from this gene; cDNA E	517	30.081
261	M26927	Gibbon leukemia virus pol polyprotein	557	50.754
262	AB011152	Homo sapiens KIAA0580 protein	712	44.747
263	X87226	Jaculus orientalis NAD-dependent glyceraldehyde 3-phosphate dehydrogenase (phosphorylating)	214	47.321
264	U44091	Rattus norvegicus atrophin-1 related protein	178	33.511
265	Z98980	Schizosaccharomyces pombe wiskott- aldrich syndrome protein homolog 1	227	26.070
266	Z79694	Caenorhabditis elegans predicted using Genefinder; similar to collagen; cDNA EST yk552a12.3 comes from this gene	158	29.333
267	AF144627	Mus musculus SLIT1	377	29.368
268	D00824	Gallus gallus alpha 1 chain of type XII collagen	110	40.566
269	AB011414	Homo sapiens Kruppel-type zinc finger protein	792	56.650
270	X52046	Mus musculus type III collagen	481	32.472
271	M11723	Homo sapiens coagulation factor XII	1618	81.379
272	M22334	Homo sapiens unknown protein	755	45.455
273	X69490	Homo sapiens titin	214	65.574
274	M22334	Homo sapiens unknown protein	360	50.000
275	U35022	Rattus norvegicus cis-Golgi matrix protein GM130	323	47.097
276	X03725	Mus musculus ORF 2 (466 aa)	287	48.855
277	L08811	Drosophila melanogaster adherin	662	32.822
278	K02444	Oryctolagus cuniculus beta-myosin heavy chain	385	46.753
279	AB018312	Homo sapiens KIAA0769 protein	435	43.541
280	AF071081	Mycobacterium tuberculosis proline-rich mucin homolog	196	35.065
281	AB011164	Homo sapiens KIAA0592 protein	758	82.468
282	AF045239	Homo sapiens brain expressed ring finger protein	310	28.205
283	AL110218	Homo sapiens hypothetical protein	473	63.380
284	U10281	Sus scrofa gastric mucin	188	24.706
285	U93570	Homo sapiens putative p150	305	53.968
286	U56964	Caenorhabditis elegans weak similarity to S. cerevisiae intracellular protein transport protein US)1 (SP:P25386)	766	31.866
287	U70136	Homo sapiens megakaryocyte stimulating factor; MSF	208	23.928
288	Z78279	Rattus norvegicus Collagen alphal	194	29.042

289	AF085185	Acanthamoeba castellanii Myosin-IA	217	35.377
290	M33509	Homo sapiens HLA-B-associated transcript	197	25.791
-		2 (BAT2)		
291	AC006530	Homo sapiens unknown	207	82.222
292	AF053538	Alvinella pompejana fibrillar collagen	279	33.333
		chain FAp1 alpha		
293	Z38061	Saccharomyces cerevisiae mal5, stal,	225	21.692
		len: 1367, CAI: 0.3, AMYH_YEAST P08640	İ	
204	VE3556	GLUCOAMYLASE S1 (EC 3.2.1.3)	175	00.001
294 295	X53556 M92913	Bos taurus type X collagen	175 319	28.221
295	U37012	Nephila clavipes dragline silk fibroin Homo sapiens cleavage and	781	88.194
290	03/012	polyadenylation specificity factor	/ 61	00.194
297	L21990	Homo sapiens spiceosomal protein	240	35.542
298	AJ006754	Yarrowia lipolytica hypothetical protein	164	36.496
299	U49974	Homo sapiens mariner transposase	599	69.128
300	AF153062	Canis familiaris type I collagen pre-	308	32.845
		pro-alphal(I) chain	İ	
301	AF055904	Myxococcus xanthus unknown	213	32.014
302	X13804	Rattus sp. heavy neurofilament	246	23.618
		polypeptide (854 AA)		
303	AF000198	Caenorhabditis elegans Similar to	159	44.048
		cuticular collagen		
304	U97553	murine herpesvirus 68 unknown	191	28.994
305	M13101	Rattus norvegicus unknown protein	274	44.444
306	AF144573	Mesocricetus auratus Mx-interacting protein kinase PKM	3766	97.222
307	AB012223	Canis familiaris ORF2	337	52.713
308	D70831	Homo sapiens Zinc-finger protein	630	55.208
309	U97553	murine herpesvirus 68 unknown	317	33.631
310	Y17832	Human endogenous retrovirus K pol	1047	61.686
		protein		
311	D31763	Homo sapiens ha0946 protein is Kruppel-	574	50.000
		related.		
312	X51394	Xenopus laevis APEG precursor protein	226	32.068
313	Y10392	Human endogenous retrovirus K gag	273	44.144
		protein	1	
314	AC007842	Homo sapiens BC331191 1	1005	74.129
315	D63881	Homo sapiens KIAA0160 gene product is	1100	68.106
316	U35376	novel. Homo sapiens repressor transcriptional	773	57.014
310	033370	factor	1/3	37.014
317	X65964	Homo sapiens nestin	3614	99.313
318	M82977	Bos taurus alpha-collagen	228	29.528
319	M14123	Homo sapiens pol/env ORF (bases 3878-	3111	70.629
		8257) first start codon at 4172; Xxx;		
		putative		
320	AF004211	Mus musculus paired-like homeodomain	335	40.606
		containing protein		
321	AL080125	Homo sapiens hypothetical protein	1468	62.893
322	M13101	Rattus norvegicus unknown protein	288	35.784
323	L11672	Homo sapiens zinc finger protein	270	40.120
324	AF084642	Mus musculus cellular retinaldehyde-	507	34.496
325	M12140	binding protein; CRALBP Homo sapiens envelope protein	432	48.966
326	AB015438	Cynops pyrrhogaster alpha 1 type I	293	31.635
520	110013730	collagen	233	31.033
327	X98705	Homo sapiens collagen type I alpha 1	347	32.548
328	X15332	Homo sapiens alpha-1 (III) collagen	289	30.361
		·	1	

329	AF000996	Homo sapiens ubiquitous TPR motif, Y isoform	269	75.510
330	254238	Caenorhabditis elegans T28C6.1	184	41.667
331	AB012223	Canis familiaris ORF2	671	42.784
332	U09413	Homo sapiens zinc finger protein ZNF135	978	60.996
333	AL031985	Homo sapiens dJ228H13.3 (zinc finger protein)	936	72.928
334	AB000462	Homo sapiens SH3 binding protein	249	47.273
335	D80009	Homo sapiens KIAA0187	569	60.804
336	U41021	Caenorhabditis elegans C. elegans mec-2 (GB:U26735)	239	39.552
337	AJ243460	Leishmania major proteophosphoglycan	231	27.246
338	U23484	Caenorhabditis elegans weakly similar to serine/threonine protein kinase	667	35.840
339	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	437	59.690
340	U41557	Caenorhabditis elegans proline and glycine-rich	444	33.679
341	AB012223	Canis familiaris ORF2	279	39.806
342	X52235	Homo sapiens ORFII	369	56.897
343	AF108843	Homo sapiens env protein	762	56.696
344	X16711	Homo sapiens COL2A1	289	31.186
345	AJ012371	Homo sapiens NAALADase L protein	819	72.512
346	AB001535	Homo sapiens similar to C.elegans	888	38.795
		hypothetical protein CET01H8.1,CEC05C12.3,CEF54D1.5. similar to trp and trp-like proteins		
347	M15103	Plasmodium cynomolgi circumsporozoite antigen	125	24.402
348	AF062655	Mus musculus plenty-of-prolines-101; POP101; SH3-philo-protein	470	25.698
349	AF081111	Mus musculus domesticus ORF2	301	38.255
350	L07924	Mus musculus guanine nucleotide dissociation stimulator	249	31.799
351	L35601	Drosophila melanogaster ankyrin	247	25.092
352	D88764	Rana catesbeiana alpha 2 type I collagen	258	28.231
353	D10354	Rattus rattus alanine aminotransferase	516	53.439
354	AB014561	Homo sapiens KIAA0661 protein	46	35.294
355	บ97553	murine herpesvirus 68 unknown	254	31.701
356	L27428	Homo sapiens reverse transcriptase	228	43.810
357	AB012223	Canis familiaris ORF2	227	49.451
358	AC003682	Homo sapiens R28830 1	669	54.067
359	AF006466	Mus musculus lymphocyte specific formin related protein	421	52.071
360	AF015539	Mytilus edulis precollagen P	235	29.258
361	Z77664	Unknown predicted using Genefinder; similar to Zinc finger, C2H2 type; cDNA EST CEMSC43F comes from	208	39.623
362	Y07752	Volvox carteri pherophorin-S	239	41.053
363	K02623	Drosophila melanogaster tropomyosin isoform 33 (9C)	212	36.774
364	D86983	Homo sapiens similar to D.melanogaster peroxidasin(U11052)	450	29.442
365	AL021747	Schizosaccharomyces pombe hypothetical protein	388	31.599
366	AB020671	Homo sapiens KIAA0864 protein	681	82.677
367	K01228	Homo sapiens alpha 1 (I) chain propeptide	217	32.258
368	AF003535	Homo sapiens ORF2-like protein	357	54.902
	 		 	

369	Z11974	Mus musculus macrophage mannose receptor precursor	249	27.014
370	AF070651	Homo sapiens zinc finger protein 4	246	40.000
371	AF068749	Mus musculus sphingosine kinase	362	65.657
372	AB012223	Canis familiaris ORF2	364	51.938
373	AF169633	Mus musculus alpha 2 delta calcium channel subunit	332	44.633
374	U80846	Caenorhabditis elegans No definition line found	237	24.710
375	X16711	Homo sapiens COL2A1	431	29.918
376	AC004460	Homo sapiens similar to golgi antigen; similar to Q08379 (PID:g2498401)	412	59.124
377	M20789	Homo sapiens alpha-1 type I collagen	169	34.921
378	AF027735	Nephila clavipes minor ampullate silk protein MiSpl	298	30.977
379	AF003535	Homo sapiens ORF2-like protein	513	63.704
380	X83413	Human herpesvirus 6 U88	328	36.649
381	Y12713	Mus musculus Pro-Pol-dUTPase polyprotein	773	70.225
382	AF020261	Santalum album proline rich protein	194	39.200
383	AC002535	Arabidopsis thaliana putative G-beta-	503	25.473
		repeat containing protein, 5' partial		
384	AC004883	Homo sapiens similar to KIAA0766; similar to PID:g3882253	191	27.717
385	X98330	Homo sapiens ryanodine receptor 2	216	41.176
386	AF145705	Mus musculus T2K protein kinase homolog	972	80.342
387	Z49125	Unknown similarity to Trichostrongylus colubriformis 11 kd secretory protein (Swiss Prot accession	312	31.356
388	X03725	Mus musculus ORF 2 (466 aa)	270	45.185
389	M31627	Homo sapiens X box binding protein-1	458	68.148
390	L07545	Leishmania tarentolae A 'c' was inserted after nt 369 (=nt 10459 in genomic sequence (M10126)) to correct -1 frameshift probably due to gel compression	212	27.490
391	U93572	Homo sapiens putative p150	486	45.509
392	AJ000496	Rattus norvegicus cyclic nucleotide- gated channel beta subunit	298	36.604
393	Z38061	Saccharomyces cerevisiae mal5, stal, len: 1367, CAI: 0.3, AMYH_YEAST P08640 GLUCOAMYLASE S1 (EC 3.2.1.3)	351	24.477
394	M13100	Rattus norvegicus unknown protein	231	37.838
395	AB012223	Canis familiaris ORF2	300	42.553
396	U35376	Homo sapiens repressor transcriptional factor	521	40.940
397	AL050022	Homo sapiens hypothetical protein	312	35.060
398	AF038564	Homo sapiens atrophin-1 interacting protein 4	472	69.811
399	X61295	Rattus norvegicus L1 retroposon, a portion of its ORF2 sequence	413	42.922
400	AF064604	Homo sapiens KE03 protein	1279	50.785
401	U93181	Homo sapiens nuclear dual-specificity phosphatase	1716	55.626
402	AF081111	Mus musculus domesticus ORF2	598	44.156
403	U00978	Mus musculus type I inosine	1626	83.537
		monophosphate dehydrogenase		
404	U67056	Acanthamoeba castellanii myosin I heavy chain kinase	222	29.478
405	L15419	Caenorhabditis elegans col-40 collagen	196	35.681

	T 0		T = 5 =	T = 0.00
406	X90568	Homo sapiens Protein sequence and	783	79.268
	1	annotation available soon via Swiss-		
	1	Prot; available at present via e-mail		
		from LABEIT@EMBL-Heidelberg.DE		
407	X51394	Xenopus laevis APEG precursor protein	141	32.584
408	AJ223069	Mus musculus TCF-3 protein	1337	86.307
409	X14420	Homo sapiens prepro-alpha-1 type 3	339	29.250
		collagen		
410	X51616	Volvox carteri SULFATED SURFACE	224	37.190
		GLYCOPROTEIN 185		
411	U96113	Homo sapiens WWP1	157	28.916
412	X83413	Human herpesvirus 6 U88	270	34.118
413	Z34465	Zea mays extensin-like protein	306	29.032
414	U24246	Drosophila melanogaster 171-7	228	36.232
415	U08020	Mus musculus collagen pro-alpha-1 type I	369	32.374
		chain		
416	X83413	Human herpesvirus 6 U88	402	65.049
417	Z67990	Caenorhabditis elegans similar to	246	35.829
71,	207330	cuticle collagen	240	33.023
418	AL078635	Amycolatopsis orientalis putative WD-	142	28.571
410	AB070055	repeat containing protein	142	20.371
419	U43541	Mus musculus laminin beta 2	507	43.023
420	Z70756		114	27.632
420	2/0/56	Caenorhabditis elegans predicted using	114	21.632
		Genefinder; similar to collagen; cDNA		
		EST EMBL: D66041 comes from this gene;		
		cDNA EST EMBL: D66295 comes from this		
		gene; cDNA EST EMBL:D69679 comes from		j
		this gene; cDNA EST EMBL:D70027 comes		
	1100000	from this gene	 	10 055
421	M22333	Homo sapiens unknown protein	268	49.275
422	AB012223	Canis familiaris ORF2	292	42.520
423	AL117201	Caenorhabditis elegans predicted using	187	25.934
		Genefinder		
424	U97553	murine herpesvirus 68 unknown	379	32.599
425	U09116	Homo sapiens ORF2, encodes a reverse	361	40.686
		transcriptase homolog		
426	AF169388	Mus musculus alpha 4 collagen IV	292	28.723
427	Y17832	Human endogenous retrovirus K pol	850	59.817
		protein		
428	X14420	Homo sapiens prepro-alpha-1 type 3	275	33.007
		collagen		
429	AB008372	Oncorhynchus mykiss alpha 2 type I	186	30.485
	·	collagen		
430	U93568	Homo sapiens putative p150	555	49.772
431	AB012223	Canis familiaris ORF2	195	40.000
432	X04758	Homo sapiens pro- alpha (V)collagen (AA	220	30.078
		1099)		
433	U80076	Rattus norvegicus RIN1	326	36.493
434	AC002398	Homo sapiens F25965 3	533	69.697
435	AF000198	Caenorhabditis elegans Similar to	272	31.600
333	71.000130	cuticular collagen	- ' -	31.000
436	AF114486	Drosophila melanogaster Zimp-B	273	30.114
437	AL021811	Arabidopsis thaliana putative protein	816	51.154
438	Z69368	Schizosaccharomyces pombe hypothetical	178	31.285
420	1772010	divergent repeat-containing protein	1266	140 020
439	U73819	Mus musculus polypeptide GalNAc	366	40.838
440	1,00000	transferase-T4	<u> </u>	1 20 222
440	X86019	Homo sapiens SH3-domain interacting	190	32.000
	<u> </u>	protein		

### ### ##############################				,	
Nucleus Nucl	441	AJ004801	Bovine herpesvirus type 1.1 immediate-	112	30.539
442 M60172 Gallus gallus novel collagen protein 319 29.730 443 AB03464 Mus musculus cytohesin 1 378 48.810 444 L29028 Unknown amino acid feature: N-glycosylation sites, as 41 43, 46 205 33.158 445 U97553 murine herpesvirus 68 unknown 213 29.355 446 AB014608 Homo sapiens KRAO708 protein 960 79.670 447 AL031231 Streptomyces coelicolor hypothetical 158 30.435 448 AF08110 Mus musculus domesticus ORF2 227 40.141 450 AF132480 Mus musculus Gomesticus ORF2 227 40.141 451 AB002304 Homo sapiens KIAA0306 1459 74.656 452 AF067607 Caenorhabditis elegans Similar to 253 31.343 453 AB011370 Mus musculus Ankhrn 2127 76.231 455 AF15480 Mus musculus CAMP-dependent Rapl 230 32.402 455 AF115480 Mus musculus CAMP-dependent Rapl					
444					
1444 L29028					
Section Sect				1	
48, 51 53, 72 74, 107 .	444	L29028		205	33.158
445 AB014608 Momo sapiens KIAA0708 protein 960 79.670 447 AL031231 Streptomyces coelicolor hypothetical protein 158 30.435 448 AF081110 Mus musculus domesticus ORF2 285 48.259 449 AF081111 Mus musculus domesticus ORF2 227 40.141 450 AF12480 Mus musculus Ese2 protein 2336 90.226 451 AB002304 Homo sapiens KIAA0306 1459 74.656 452 AF067607 Caenorhabditis elegans Similar to cuticular collagen; C18H7.3 253 31.343 453 AB011370 Mus musculus ARMP-dependent Rapl 230 32.308 454 278279 Rattus norvegicus Collagen alphal 223 32.472 455 AF115480 Mus musculus ARMP-dependent Rapl 230 32.308 456 M22334 Homo sapiens unknown protein 1085 58.544 457 L40459 Mus musculus falent transforming growth 2128 89.969 458 AF11656 Arabidopsis thaliana putative <td></td> <td></td> <td></td> <td></td> <td></td>					
446 AB014608 Homo sapiens KIAA0708 protein 960 79.670 447 AL031231 Streptomyces coelicolor hypothetical 158 30.435 448 AF081110 Mus musculus domesticus ORF2 285 48.259 449 AF081111 Mus musculus domesticus ORF2 227 40.141 450 AF132480 Mus musculus SES2 protein 2336 90.226 451 AB002304 Homo sapiens KIAA0306 1459 74.656 452 AF067607 Caenorhabditis elegans Similar to cuticular collagen; C18H7.3 253 31.343 453 AB011370 Mus musculus CAMP-dependent Rap1 230 32.472 455 AF15480 Mus musculus cAMP-dependent Rap1 230 32.308 456 M22334 Homo sapiens unknown protein 1085 58.544 457 L40459 Mus musculus latent transforming growth factor-beta binding protein 1085 58.544 457 L40459 Mus musculus latent transforming growth factor-beta binding protein 174 30.137 458 AF1					
447 AL031231 Streptomyces coelicolor hypothetical protein SC3C3.03c 158 30.435 448 AF081110 Mus musculus domesticus ORF2 285 48.259 449 AF081111 Mus musculus Comesticus ORF2 227 40.141 450 AF123480 Mus musculus Ese2 protein 2336 90.226 451 AB002304 Homo sapiens KIAA0306 1459 74.656 452 AF067607 Caenorhabditis elegans Similar to cuicular collagen; C18H7.3 2127 76.231 453 AB011370 Mus musculus CAMP-dependent Rapl cupicular collagen; C18H7.3 2127 76.231 454 778279 Rattus norvegicus Collagen alphal 223 32.472 455 AF115480 Mus musculus cAMP-dependent Rapl quanine-nucleotide exchange factor 236 48.544 457 L40459 Mus musculus latent transforming growth factor-beta binding protein 1085 58.544 457 L40459 Mus musculus latent transforming growth factor-beta binding protein 174 30.137 460 AB2333 Homo sapiens prasper protein 174<	445				
Protein SC3C3.03c	446	AB014608	Homo sapiens KIAA0708 protein	960	79.670
448 AF081110 Mus musculus domesticus ORF2 285 48.259 450 AF081111 Mus musculus domesticus ORF2 227 40.141 450 AF132480 Mus musculus Ese2 protein 2336 90.226 451 AB002304 Homo sapiens KIAA0306 1459 74.656 452 AF067607 Caenorhabditis elegans Similar to cuticular collagen; C18H7.3 2127 76.231 453 AB011370 Mus musculus Ankhran 2127 76.231 454 278279 Rattus norvegicus Collagen alphal 223 32.472 455 AF013540 Mus musculus CAMP-dependent Rapl guanine-nucleotide exchange factor 230 32.308 456 M22334 Homo sapiens unknown protein 1085 58.544 457 L40459 Mus musculus latent transforming growth 2128 89.969 458 AF116556 Arabidopsis thaliana putative 171 37.059 459 M22333 Homo sapiens polycotein 165 46.591 460 AB023203 Homo sapiens polycotein<	447	AL031231	Streptomyces coelicolor hypothetical	158	30.435
449 AF681111 Mus musculus Ese2 protein 2336 90.226 451 AB002304 Homo sapiens KIAA0306 1459 74.656 452 AF067607 Caenorhabditis elegans Similar to cuticular collagen; C18H7.3 253 31.343 453 AB011370 Mus musculus Ankhzn 2127 76.231 454 278279 Rattus norvegicus Collagen alphal 223 32.472 455 AF115480 Mus musculus cAMP-dependent Rapl 230 32.308 456 M22334 Homo sapiens unknown protein 1085 58.544 457 L40459 Mus musculus latent transforming growth factor 171 37.059 458 AF116556 Arabidopsis thaliana putative transcription factor 171 37.059 459 M22333 Homo sapiens NKIAA0986 protein 165 46.991 460 AB023203 Homo sapiens ORF2-like protein 492 54.301 461 AF00355 Homo sapiens Paraplegin-like protein 194 33.333 463 Y07752 Volvox carteri pherophor					
AF132480 Mus musculus Ese2 protein 1459 74.656	448	AF081110	Mus musculus domesticus ORF2	285	48.259
AB002304 Homo sapiens KIAA0306 1459 74.656	449	AF081111	Mus musculus domesticus ORF2	227	40.141
AB002304 Homo sapiens KIAA0306 1459 74.656	450			2336	90.226
AF067607 Caenorhabditis elegans Similar to cuitcular colladen; C18H7.3 AB011370 Mus musculus Ankhzn 2127 76.231 AF0879 Rattus norvegicus Collagen alphal 223 32.472 AF115480 Mus musculus cAMP-dependent Rapl 230 32.308 Guanine-nucleotide exchange factor 230 32.308 AF067817 AF115480 Mus musculus cAMP-dependent Rapl 230 32.308 Guanine-nucleotide exchange factor 2128 89.969 AF1654 Mus musculus latent transforming growth 6actor-beta binding protein 1085 58.544 AF16556 Arabidopsis thaliana putative 171 37.059 AF16556 Arabidopsis thaliana putative 171 37.059 AF16556 Arabidopsis thaliana putative 174 30.137 AF003535 Homo sapiens unknown protein 165 46.591 AF003535 Homo sapiens OFF2-like protein 165 46.591 AF003535 Homo sapiens OFF2-like protein 492 54.301 AF1657 AF16787 AF16787 AF16787 AF16787 AF18814 Homo sapiens paraplegin-like protein 194 33.333 AF1657 AF16787 AF16787 AF16787 AF16787 AF1788 AF18814 Homo sapiens paraplegin-like protein 323 40.952 AF1679 Caenorhabditis elegans similar to 216 40.476 Cuticle collagen AF16787					
Cuticular collagen; C18H7.3					
ABOL1370	.02			1	
454 Z78279 Rattus norvegicus Collagen alphal 223 32.472 455 AF115480 Mus musculus cAMP-dependent Rapl 230 32.308 456 M22334 Homo sapiens unknown protein 1085 58.544 457 L40459 Mus musculus latent transforming growth factor-beta binding protein 2128 89.969 458 AF116556 Arabidopsis thaliana putative transcription factor 171 37.059 459 M22333 Homo sapiens unknown protein 174 30.137 460 AB023203 Homo sapiens KIAA0986 protein 165 46.591 461 AF03535 Homo sapiens CNF2-like protein 492 54.301 461 AF03535 Homo sapiens Paraplegin-like protein 194 33.333 462 X51394 Xenopus laevis APEG precursor protein 194 33.333 463 Y07752 Volvox carteri pherophorin-S 305 45.918 464 Y1831 Homo sapiens palpagin-like protein 216 40.476 cuticular collagen K56805 <t< td=""><td>453</td><td>AB011370</td><td></td><td>2127</td><td>76,231</td></t<>	453	AB011370		2127	76,231
AF115480					
Quanine-nucleotide exchange factor 1085 58.544 456 M22334 Homo sapiens unknown protein 2128 89.969 factor-beta binding protein 171 37.059 458 AF116556 Arabidopsis thaliana putative 171 37.059 459 M22333 Homo sapiens unknown protein 174 30.137 460 AB023203 Homo sapiens unknown protein 165 46.591 461 AF003535 Homo sapiens KIAA0986 protein 492 54.301 462 X51394 Xenopus laevis APEG precursor protein 194 33.333 463 Y07752 Volvox carteri pherophorin-S 305 45.918 464 Y18314 Homo sapiens paraplegin-like protein 323 40.952 465 267990 Caenorhabditis elegans similar to 216 40.476 466 L43619 Homo sapiens polycystic kidney disease 1 162 34.266 467 X56805 Gallus gallus procKr2 168 33.577 468 AB012223 Canis familiaris ORF2 168 33.577 468 AB012223 Canis familiaris ORF2 168 33.577 469 AC08075 Arabidopsis thaliana Contains PF 00069 181 38.462 Eukaryotic protein kinase domain. 470 U58736 Caenorhabditis elegans Similar to 245 33.333 477 AB012223 Canis familiaris ORF2 200 43.269 472 AF053091 Drosophila melanogaster eyelid 315 29.968 473 AB015440 Rana catesbeiana alpha 1 type I collagen 270 27.672 474 298980 Schizosaccharomyces pombe wiskott- 172 31.416 475 AF090866 Mus musculus CDO 47.672 478 AF090866 Mus musculus CDO 47.672 479 AC002528 Homo sapiens alpha(I) collagen 212 28.060 478 AL033534 Schizosaccharomyces pombe serine-rich 253 35.065 479 X15120 Pseudorabies virus immediate-early 105 25.869 480 AF071172 Homo sapiens HERC2 615 85.000 480 AF071172 Homo sapiens HERC2 615 85.000 481 270208 626nfider; similar to collagen 481 480 480 AF071172 Homo sapiens HERC2 480 AF071172 Homo sapiens HERC2 480 AF071172 Homo sapiens HERC2 480 AF071172 Homo sapiens HERC2 480 AF071172 Homo sapiens HERC2 480 AF071172 Homo sapiens HERC2 48					
456 M22334 Homo sapiens unknown protein 1085 58.544 457 L40459 Mus musculus latent transforming growth factor-beta binding protein 2128 89.969 458 AF116556 Arabidopsis thaliana putative transcription factor 171 37.059 459 M22333 Homo sapiens unknown protein 174 30.137 460 AB023203 Homo sapiens ORF2-like protein 492 54.301 461 AF003535 Homo sapiens ORF2-like protein 492 54.301 462 X51394 Xenopus laevis APEG precursor protein 194 33.333 463 Y07752 Volvox carteri pherophorin-S 305 45.918 464 Y18314 Homo sapiens paraplegin-like protein 323 40.952 465 267990 Caenorhabditis elegans similar to 216 40.476 466 L43619 Homo sapiens polycystic kidney disease 1 protein 162 34.266 467 X56805 Gallus gallus prockt2 168 33.577 468 AB012223 Canis fa	100	711113400		230	32.300
457	456	M22334		1085	58 544
Factor-beta binding protein 37.059 Arabidopsis thaliana putative 171 37.059 37.059 M22333 Homo sapiens unknown protein 174 30.137 460 AB023203 Homo sapiens KIAA0986 protein 165 46.591 461 AF003535 Homo sapiens KF2-like protein 492 54.301 462 X51394 Xenopus laevis APEG precursor protein 194 33.333 463 Y07752 Volvox carteri pherophorin-S 305 45.918 464 Y18314 Homo sapiens paraplegin-like protein 323 40.952 465 Z67990 Caenorhabditis elegans similar to 216 40.476 Cuticle collagen 466 L43619 Homo sapiens polycystic kidney disease 162 34.266 protein 467 X56805 Gallus gallus procKr2 168 33.577 468 AB012223 Canis familiaris ORF2 535 40.397 469 AC008075 Arabidopsis thaliana Contains PF 00069 181 38.462 Eukaryotic protein kinase domain. 470 U58736 Caenorhabditis elegans Similar to 245 33.333 cuticular collagen 471 AB012223 Canis familiaris ORF2 200 43.269 472 AF053091 Drosophila melanogaster eyelid 315 29.968 473 AB015440 Rana catesbeiana alpha type I collagen 270 27.672 474 298980 Schizosaccharomyces pombe wiskott- 172 31.416 475 AF090866 Mus musculus CDO 1473 47.119 475 AF090866 Mus musculus CDO 1473 47.119 476 L76559 Drosophila melanogaster mus308 477 30.484 477 AC002528 Homo sapiens alpha2(I) collagen 212 28.060 478 AL033534 Schizosaccharomyces pombe serine-rich 253 35.065 Protein AA 1-1460) 480 AF071172 Homo sapiens EERC2 615 85.000 481 Z70208 Caenorhabditis elegans predicted using 6615 85.000 481 Z70208 Caenorhabditis elegans predicted using 6615 85.000 480 AF071172 Homo sapiens EERC2 615					
458 AF116556 Arabidopsis thaliana putative transcription factor 171 37.059 459 M22333 Homo sapiens unknown protein 174 30.137 460 AB023203 Homo sapiens KIAA0986 protein 165 46.591 461 AF003535 Homo sapiens ORF2-like protein 492 54.301 462 X51394 Xenopus laevis APEG precursor protein 194 33.333 463 Y07752 Volvox carteri pherophorin-S 305 45.918 464 Y18314 Homo sapiens paraplegin-like protein 323 40.952 465 Z67990 Caenorhabditis elegans similar to cuticle collagen 216 40.476 466 L43619 Homo sapiens polycystic kidney disease 1 protein 162 34.266 467 X56805 Gallus gallus procKr2 168 33.577 468 AB012223 Canis familiaris ORF2 535 40.397 469 AC008075 Arabidopsis thaliana Contains PF100069 181 38.462 Eukaryotic protein kinase domain. 245 3	457	110133		2120	
transcription factor	458	AF116556		171	37 059
459 M22333 Homo sapiens unknown protein 174 30.137 460 AB023203 Homo sapiens KIAA0986 protein 165 46.591 461 AF003535 Homo sapiens oRF2-like protein 492 54.301 462 X51394 Xenopus laevis APEG precursor protein 194 33.333 463 Y07752 Volvox carteri pherophorin-S 305 45.918 464 Y18314 Homo sapiens paraplegin-like protein 323 40.952 465 Z67990 Caenorhabditis elegans similar to cuticle collagen 216 40.476 466 L43619 Homo sapiens polycystic kidney disease 1 protein 162 34.266 467 X56805 Gallus gallus procKr2 168 33.577 468 AB012223 Canis familiaris ORF2 535 40.397 469 AC08075 Arabidopsis thaliana Contains PF 00069 181 38.462 Eukaryotic protein kinase domain. 38.462 33.333 333 470 U58736 Caenorhabditis elegans Similar to cuticular cuticular cuticular cutic	430	AFTIOSSO		1/1	37.035
460 AB023203 Homo sapiens KIAA0986 protein 165 46.591 461 AF003535 Homo sapiens ORF2-like protein 492 54.301 462 X51394 Xenopus laevis APEG precursor protein 194 33.333 463 Y07752 Volvox carteri pherophorin-S 305 45.918 464 Y18314 Homo sapiens paraplegin-like protein 323 40.952 465 Z67990 Caenorhabditis elegans similar to cuticle collagen 216 40.476 466 L43619 Homo sapiens polycystic kidney disease 1 protein 162 34.266 467 X56805 Gallus gallus procKr2 168 33.577 468 AB012223 Canis familiaris ORF2 535 40.397 469 AC008075 Arabidopsis thaliana Contains PF 00069 181 38.462 50 Eukaryotic protein kinase domain. 245 33.333 470 U58736 Caenorhabditis elegans Similar to cuticular collagen 245 33.333 471 AB012223 Canis familiaris ORF2 200 <td>159</td> <td>M22333</td> <td></td> <td>174</td> <td>30 137</td>	159	M22333		174	30 137
461 AF003535 Homo sapiens ORF2-like protein 492 54.301 462 X51394 Xenopus laevis APEG precursor protein 194 33.333 463 Y07752 Volvox carteri pherophorin-S 305 45.918 464 Y18314 Homo sapiens paraplegin-like protein 323 40.952 465 Z67990 Caenorhabditis elegans similar to cuticle collagen 216 40.476 466 L43619 Homo sapiens polycystic kidney disease 1 protein 162 34.266 467 X56805 Gallus gallus procKr2 168 33.577 468 AB012223 Canis familiaris ORF2 535 40.397 469 AC008075 Arabidopsis thaliana Contains PF 00069 181 38.462 508 Caenorhabditis elegans Similar to cuticular collagen 245 33.333 470 U58736 Caenorhabditis elegans Similar to cuticular collagen 245 33.333 471 AB012223 Canis familiaris ORF2 200 43.269 472 AF053091 Drosophila melanogaster eyelid <td></td> <td></td> <td></td> <td></td> <td></td>					
462 X51394 Xenopus laevis APEG precursor protein 194 33.333 463 Y07752 Volvox carteri pherophorin-S 305 45.918 464 Y18314 Homo sapiens paraplegin-like protein 323 40.952 465 Z67990 Caenorhabditis elegans similar to cuticle collagen 216 40.476 466 L43619 Homo sapiens polycystic kidney disease 1 protein 162 34.266 467 X56805 Gallus gallus procKr2 168 33.577 468 AB012223 Canis familiaris ORF2 535 40.397 469 AC008075 Arabidopsis thaliana Contains PF[00069 181 38.462 Eukaryotic protein kinase domain. 38.462 245 33.333 470 U58736 Caenorhabditis elegans Similar to cuticular collagen 245 33.333 471 AB012223 Canis familiaris ORF2 200 43.269 472 AF053091 Drosophila melanogaster eyelid 315 29.968 473 AB015440 Rana catesbeiana alpha 1 type I collagen			Home sanions OPE2-like protein		
463 Y07752 Volvox carteri pherophorin-S 305 45.918 464 Y18314 Homo sapiens paraplegin-like protein 323 40.952 465 Z67990 Caenorhabditis elegans similar to cuticle collagen 216 40.476 466 L43619 Homo sapiens polycystic kidney disease 1 protein 162 34.266 467 X56805 Gallus gallus procKr2 168 33.577 468 AB012223 Canis familiaris ORF2 535 40.397 469 AC008075 Arabidopsis thaliana Contains PF[00069] 181 38.462 Eukaryotic protein kinase domain. 245 33.333 470 U58736 Caenorhabditis elegans Similar to cuticular collagen 245 33.333 471 AB012223 Canis familiaris ORF2 200 43.269 472 AF053091 Drosophila melanogaster eyelid 315 29.968 473 AB015440 Rana catesbeiana alpha 1 type I collagen 270 27.672 474 298980 Schizosaccharomyces pombe wiskottalaldrich syndrome protein homolog 1<					
464 Y18314 Homo sapiens paraplegin-like protein 323 40.952 465 Z67990 Caenorhabditis elegans similar to cuticle collagen 216 40.476 466 L43619 Homo sapiens polycystic kidney disease 1 protein 162 34.266 467 X56805 Gallus gallus procKr2 168 33.577 468 AB012223 Canis familiaris ORF2 535 40.397 469 AC008075 Arabidopsis thaliana Contains PF 00069 181 38.462 Eukaryotic protein kinase domain. 245 33.333 470 U58736 Caenorhabditis elegans Similar to cuticular collagen 245 33.333 471 AB012223 Canis familiaris ORF2 200 43.269 472 AF053091 Drosophila melanogaster eyelid 315 29.968 473 AB015440 Rana catesbeiana alpha 1 type I collagen 270 27.672 474 298980 Schizosaccharomyces pombe wiskottal 172 31.416 475 AF090866 Mus musculus CDO 1473 47.119					
465 Z67990 Caenorhabditis elegans similar to cuticle collagen 216 40.476 466 L43619 Homo sapiens polycystic kidney disease 1 protein 162 34.266 467 X56805 Gallus gallus procKr2 168 33.577 468 AB012223 Canis familiaris ORF2 535 40.397 469 AC008075 Arabidopsis thaliana Contains PF 00069 Eukaryotic protein kinase domain. 181 38.462 470 U58736 Caenorhabditis elegans Similar to cuticular collagen 245 33.333 471 AB012223 Canis familiaris ORF2 200 43.269 472 AF053091 Drosophila melanogaster eyelid 315 29.968 473 AB015440 Rana catesbeiana alpha 1 type I collagen 270 27.672 474 298980 Schizosaccharomyces pombe wiskott-aldrich syndrome protein homolog 1 172 31.416 475 AF090866 Mus musculus CDO 1473 47.119 476 L76559 Drosophila melanogaster mus308 477 30.484 477					
Cuticle collagen Homo sapiens polycystic kidney disease 1 162 34.266 protein					
466 L43619 Homo sapiens polycystic kidney disease 1 protein 162 34.266 467 X56805 Gallus gallus procKr2 168 33.577 468 AB012223 Canis familiaris ORF2 535 40.397 469 AC008075 Arabidopsis thaliana Contains PF 00069 181 38.462 Eukaryotic protein kinase domain. 245 33.333 470 U58736 Caenorhabditis elegans Similar to cuticular collagen 245 33.333 471 AB012223 Canis familiaris ORF2 200 43.269 472 AF053091 Drosophila melanogaster eyelid 315 29.968 473 AB015440 Rana catesbeiana alpha 1 type I collagen 270 27.672 474 298980 Schizosaccharomyces pombe wiskottaldrich syndrome protein homolog 1 172 31.416 475 AF090866 Mus musculus CDO 1473 47.119 476 L76559 Drosophila melanogaster mus308 477 30.484 477 AC002528 Homo sapiens alpha2(I) collagen 212 <	465	467990		210	40.476
Protein	1.00	T 42C10	Uses assiste salamentis bidasa disasa 1	1.60	124 266
467 X56805 Gallus gallus procKr2 168 33.577 468 AB012223 Canis familiaris ORF2 535 40.397 469 AC008075 Arabidopsis thaliana Contains PF 00069 181 38.462 Eukaryotic protein kinase domain. 245 33.333 470 U58736 Caenorhabditis elegans Similar to cuticular collagen 245 33.333 471 AB012223 Canis familiaris ORF2 200 43.269 472 AF053091 Drosophila melanogaster eyelid 315 29.968 473 AB015440 Rana catesbeiana alpha 1 type I collagen 270 27.672 474 Z98980 Schizosaccharomyces pombe wiskott- aldrich syndrome protein homolog 1 172 31.416 475 AF090866 Mus musculus CDO 1473 47.119 476 L76559 Drosophila melanogaster mus308 477 30.484 477 AC002528 Homo sapiens alpha2(I) collagen 212 28.060 478 AL033534 Schizosaccharomyces pombe serine-rich protein (AA 1-1460) 253 </td <td>466</td> <td>1.43619</td> <td></td> <td>162</td> <td>34.200</td>	466	1.43619		162	34.200
468 AB012223 Canis familiaris ORF2 535 40.397 469 AC008075 Arabidopsis thaliana Contains PF 00069 181 38.462 470 U58736 Caenorhabditis elegans Similar to cuticular collagen 245 33.333 471 AB012223 Canis familiaris ORF2 200 43.269 472 AF053091 Drosophila melanogaster eyelid 315 29.968 473 AB015440 Rana catesbeiana alpha 1 type I collagen 270 27.672 474 Z98980 Schizosaccharomyces pombe wiskott- aldrich syndrome protein homolog 1 172 31.416 475 AF090866 Mus musculus CDO 1473 47.119 476 L76559 Drosophila melanogaster mus308 477 30.484 477 AC002528 Homo sapiens alpha2(I) collagen 212 28.060 478 AL033534 Schizosaccharomyces pombe serine-rich protein 253 35.065 479 X15120 Pseudorabies virus immediate-early protein (AA 1-1460) 105 25.869 480 AF071172	1.67	VECOOF		1.00	22 577
469 AC008075 Arabidopsis thaliana Contains PF 00069 181 38.462 470 U58736 Caenorhabditis elegans Similar to cuticular collagen 245 33.333 471 AB012223 Canis familiaris ORF2 200 43.269 472 AF053091 Drosophila melanogaster eyelid 315 29.968 473 AB015440 Rana catesbeiana alpha 1 type I collagen 270 27.672 474 Z98980 Schizosaccharomyces pombe wiskott- aldrich syndrome protein homolog 1 172 31.416 475 AF090866 Mus musculus CDO 1473 47.119 476 L76559 Drosophila melanogaster mus308 477 30.484 477 AC002528 Homo sapiens alpha2(I) collagen 212 28.060 478 AL033534 Schizosaccharomyces pombe serine-rich protein 253 35.065 479 X15120 Pseudorabies virus immediate-early protein (AA 1-1460) 105 25.869 480 AF071172 Homo sapiens HERC2 615 85.000 481 Z70208 Caenorhabditis elegans predicted using Genefinder; similar to collagen 199 31.0					
Eukaryotic protein kinase domain.					
470 U58736 Caenorhabditis elegans Similar to cuticular collagen 245 33.333 471 AB012223 Canis familiaris ORF2 200 43.269 472 AF053091 Drosophila melanogaster eyelid 315 29.968 473 AB015440 Rana catesbeiana alpha 1 type I collagen 270 27.672 474 Z98980 Schizosaccharomyces pombe wiskott- aldrich syndrome protein homolog 1 172 31.416 475 AF090866 Mus musculus CDO 1473 47.119 476 L76559 Drosophila melanogaster mus308 477 30.484 477 AC002528 Homo sapiens alpha2(I) collagen 212 28.060 478 AL033534 Schizosaccharomyces pombe serine-rich protein 253 35.065 479 X15120 Pseudorabies virus immediate-early protein (AA 1-1460) 105 25.869 480 AF071172 Homo sapiens HERC2 615 85.000 481 Z70208 Caenorhabditis elegans predicted using Genefinder; similar to collagen 199 31.088	469	AC008075		181	38.462
cuticular collagen 471 AB012223 Canis familiaris ORF2 200 43.269 472 AF053091 Drosophila melanogaster eyelid 315 29.968 473 AB015440 Rana catesbeiana alpha 1 type I collagen 270 27.672 474 Z98980 Schizosaccharomyces pombe wiskott-	170			0.45	1
471 AB012223 Canis familiaris ORF2 200 43.269 472 AF053091 Drosophila melanogaster eyelid 315 29.968 473 AB015440 Rana catesbeiana alpha 1 type I collagen 270 27.672 474 Z98980 Schizosaccharomyces pombe wiskott-	4/0	058/36		245	33.333
472 AF053091 Drosophila melanogaster eyelid 315 29.968 473 AB015440 Rana catesbeiana alpha 1 type I collagen 270 27.672 474 Z98980 Schizosaccharomyces pombe wiskott- aldrich syndrome protein homolog 1 172 31.416 475 AF090866 Mus musculus CDO 1473 47.119 476 L76559 Drosophila melanogaster mus308 477 30.484 477 AC002528 Homo sapiens alpha2(I) collagen 212 28.060 478 AL033534 Schizosaccharomyces pombe serine-rich protein 253 35.065 479 X15120 Pseudorabies virus immediate-early protein (AA 1-1460) 105 25.869 480 AF071172 Homo sapiens HERC2 615 85.000 481 Z70208 Caenorhabditis elegans predicted using Genefinder; similar to collagen 199 31.088	471	77010000			1.3.000
473 AB015440 Rana catesbeiana alpha 1 type I collagen 270 27.672 474 Z98980 Schizosaccharomyces pombe wiskott-					
474 Z98980 Schizosaccharomyces pombe wiskott- aldrich syndrome protein homolog 1 172 31.416 475 AF090866 Mus musculus CDO 1473 47.119 476 L76559 Drosophila melanogaster mus308 477 30.484 477 AC002528 Homo sapiens alpha2(I) collagen 212 28.060 478 AL033534 Schizosaccharomyces pombe serine-rich protein 253 35.065 479 X15120 Pseudorabies virus immediate-early protein (AA 1-1460) 105 25.869 480 AF071172 Homo sapiens HERC2 615 85.000 481 Z70208 Caenorhabditis elegans predicted using Genefinder; similar to collagen 199 31.088					
aldrich syndrome protein homolog 1 475 AF090866 Mus musculus CDO 1473 47.119 476 L76559 Drosophila melanogaster mus308 477 30.484 477 AC002528 Homo sapiens alpha2(I) collagen 212 28.060 478 AL033534 Schizosaccharomyces pombe serine-rich 253 35.065 253 25.065 253 25.065 253 25.065 253 25.065 253 25.065 253 25.065 253 25.065 25.005 25					
475 AF090866 Mus musculus CDO 1473 47.119 476 L76559 Drosophila melanogaster mus308 477 30.484 477 AC002528 Homo sapiens alpha2(I) collagen 212 28.060 478 AL033534 Schizosaccharomyces pombe serine-rich protein 253 35.065 479 X15120 Pseudorabies virus immediate-early protein (AA 1-1460) 105 25.869 480 AF071172 Homo sapiens HERC2 615 85.000 481 Z70208 Caenorhabditis elegans predicted using Genefinder; similar to collagen 199 31.088	4/4	298980		1/2	31.416
476 L76559 Drosophila melanogaster mus308 477 30.484 477 AC002528 Homo sapiens alpha2(I) collagen 212 28.060 478 AL033534 Schizosaccharomyces pombe serine-rich protein 253 35.065 479 X15120 Pseudorabies virus immediate-early protein (AA 1-1460) 105 25.869 480 AF071172 Homo sapiens HERC2 615 85.000 481 Z70208 Caenorhabditis elegans predicted using Genefinder; similar to collagen 199 31.088	435	7.0000055		1455	1 47 110
477 AC002528 Homo sapiens alpha2(I) collagen 212 28.060 478 AL033534 Schizosaccharomyces pombe serine-rich protein 253 35.065 479 X15120 Pseudorabies virus immediate-early protein (AA 1-1460) 105 25.869 480 AF071172 Homo sapiens HERC2 615 85.000 481 Z70208 Caenorhabditis elegans predicted using Genefinder; similar to collagen 199 31.088					
478 AL033534 Schizosaccharomyces pombe serine-rich protein 479 X15120 Pseudorabies virus immediate-early protein (AA 1-1460) 480 AF071172 Homo sapiens HERC2 615 85.000 481 Z70208 Caenorhabditis elegans predicted using Genefinder; similar to collagen					
protein 479 X15120 Pseudorabies virus immediate-early protein (AA 1-1460) 480 AF071172 Homo sapiens HERC2 615 85.000 481 Z70208 Caenorhabditis elegans predicted using Genefinder; similar to collagen					
479 X15120 Pseudorabies virus immediate-early protein (AA 1-1460) 105 25.869 480 AF071172 Homo sapiens HERC2 615 85.000 481 Z70208 Caenorhabditis elegans predicted using Genefinder; similar to collagen 199 31.088	4/8	AL033534		253	35.065
protein (AA 1-1460)	430		<u> </u>	105	105.050
480 AF071172 Homo sapiens HERC2 615 85.000 481 Z70208 Caenorhabditis elegans predicted using Genefinder; similar to collagen 199 31.088	479	X15120		105	25.869
481 Z70208 Caenorhabditis elegans predicted using 199 31.088 Genefinder; similar to collagen	400				1-05-55-
Genefinder; similar to collagen					
	481	Z70208		199	31.088
482 U44091 Rattus norvegicus atrophin-1 related 227 32.168		<u> </u>			
	482_	U44091	Rattus norvegicus atrophin-1 related] 227	32.168

	T	Landada		
483	M13002	protein Mus musculus 2855 is the position of the	344	52.212
		first start codon in ORF 2; putative		
484	X14420	Homo sapiens prepro-alpha-1 type 3 collagen	244	32.154
485	U07629	Drosophila melanogaster beta-heavy- spectrin	228	30.052
486	U93563	Homo sapiens putative p150	595	50.649
487	Z34465	Zea mays extensin-like protein	250	31.383
488	AB020686	Homo sapiens KIAA0879 protein	318	34.884
489	M11897	Mus musculus proline-rich salivary protein	234	28.571
490	M12100	Mus musculus proline-rich protein MP-3	227	36.585
491	AF045567	Xenopus laevis nucleoporin Nup153 homolog	94	24.335
492	AF003535	Homo sapiens ORF2-like protein	370	44.805
493	U35376	Homo sapiens repressor transcriptional factor	903	62.312
494	AF109907	Homo sapiens S164	350	40.361
495	X52046	Mus musculus type III collagen	212	35.417
496	D42063	Homo sapiens RanBP2 (Ran-binding protein 2)	354	48.588
497	D50926	Homo sapiens The KIAA0136 gene product is novel.	315	58.491
498	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	218	58.974
499	Y12713	Mus musculus Pro-Pol-dUTPase polyprotein	665	76.744
500	Y10392	Human endogenous retrovirus K protease	582	72.581
501	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	276	69.841
502	Y12713	Mus musculus Pro-Pol-dUTPase polyprotein	231	45.926
503	X52495	Glycine max DNA-directed RNA polymerase	248	39.153
504	L32162	Homo sapiens transcription factor	247	36.816
505	X53599	Mus musculus formin	320	44.898
506	Y11871	Arabidopsis thaliana Oxal protein	330	26.710
507	M12099	Mus musculus proline-rich protein	240	37.500
508	L22557	Rattus norvegicus calmodulin-binding protein	930	79.803
509	Z74615	Homo sapiens prepro-alphal(I) collagen	312	30.227
510	AF038554	Homo sapiens density regulated protein drpl	752	88.281
511	M74165	Gallus gallus tensin	77	28.125
512	U81788	Drosophila melanogaster kinesin-73	625	45.174
513	AF074086	Homo sapiens envelope	956	55.814
514 515	M94131 AL110151	Homo sapiens mucin	265 361	41.333
516	U42471	Homo sapiens hypothetical protein Mus musculus Wiscott-Aldrich Syndrome protein homolog	228	36.269 41.600
517	AL021841	Mycobacterium tuberculosis PE PGRS	190	33.880
518	AB021041 AB018263	Homo sapiens KIAA0720 protein	421	53.788
519	D38024	Homo sapiens ORF	293	45.985
520	X69838	Homo sapiens G9a	809	46.885
521	AB025412	Mus musculus Ten-m3	518	78.095
522	AL050276	Homo sapiens hypothetical protein	270	55.072
523	X65165	Volvox carteri extensin	233	33.838
524	Z93393	Caenorhabditis elegans Y48E1B.2b	326	26.300
525	AF071081	Mycobacterium tuberculosis proline-rich mucin homolog	222	35.233
	Y17832	Human endogenous retrovirus K env	339	43.103

	T	protein	1	I
527	AF116463	Streptomyces lincolnensis unknown	183	33.649
528	K03205	Homo sapiens salivary proline-rich	182	34.586
		protein precursor		
529	M96943	Homo sapiens profilaggrin	248	27.817
530	Z34465	Zea mays extensin-like protein	213	29.680
531	AF053538	Alvinella pompejana fibrillar collagen	218	35.628
		chain FAp1 alpha		
532	U00048	Caenorhabditis elegans No definition	520	32.759
		line found		
533	AF020261	Santalum album proline rich protein	233	31.579
534	AC002310	Homo sapiens Unknown gene product	907	65.929
535	AJ243997	Homo sapiens ERIC1	264	50.355
536	U32189	Oryctolagus cuniculus histidine-rich	291	47.458
		glycoprotein precursor		
537	AF003535	Homo sapiens ORF2-like protein	355	44.000
538	AB012223	Canis familiaris ORF2	219	38.211
539	L11672	Homo sapiens zinc finger protein	1730	42.364
540	Y12713	Mus musculus Pro-Pol-dUTPase polyprotein	337	38.538
541	M34225	Homo sapiens cytokeratin 8	580	72.603
542	AF071081	Mycobacterium tuberculosis proline-rich	167	27.559
		mucin homolog		
543	U40953	Caenorhabditis elegans No definition	206	31.746
		line found		
544	AF029310	Rattus norvegicus vanilloid receptor	348	39.735
		subtype 1		
545	X03145	Homo sapiens pot. ORF I	227	34.395
546	U35376	Homo sapiens repressor transcriptional	917	51.136
		factor		
547	U93564	Homo sapiens putative p150	254	47.222
548	X83413	Human herpesvirus 6 U88	257	41.606
549	AF030430	Mus musculus semaphorin VIa	531	43.644
550	AF018082	Homo sapiens type XVIII collagen	298	30.162
551	AB028997	Homo sapiens KIAA1074 protein	701	49.811
552	U07973	Gallus gallus alpha-1 collagen type III	184	28.829
553	U93563	Homo sapiens putative p150	278	36.508
554	X53581	Rattus norvegicus ORF3	487	64.800
555	U93568	Homo sapiens putative p150	228	42.424
556	Z14015	Nicotiana tabacum pistil extensin like	187	29.302
		protein		
557	X55995	Rattus norvegicus dimethylglycine	1412	91.111
550	77060655	dehydrogenase	1.55	05.050
558	AF062655	Mus musculus plenty-of-prolines-101;	155	25.652
550	7.7040000	POP101; SH3-philo-protein	1260	67.004
559	AF042800	Homo sapiens suppressor of white apricot	1369	67.204
F.CO.	7.71.00007	homolog 2	450	47.040
560	AF109907 AL033534	Homo sapiens S171	450 159	47.849 24.759
561	AL033534	Schizosaccharomyces pombe serine-rich protein	159	24.759
562	X53581	Rattus norvegicus ORF4	310	47.107
563	AB015438	Cynops pyrrhogaster alpha 1 type I	534	29.097
303	ADULDADO	collagen	334	29.09/
5.64	AC003973	<u></u>	662	49.794
	ACUU39/3	Homo sapiens ZNF91L	461	57.432
564	AE010144			1.37.437
565	AF010144	Homo sapiens neuronal thread protein	401	0
565		AD7c-NTP		
565 566	AB012223	AD7c-NTP Canis familiaris ORF2	420	45.789
565		AD7c-NTP		

	1-20510	1	1.01	124 247
569	D38548	Homo sapiens The ha0936 gene product is novel.	421	34.247
570	M22334	Homo sapiens unknown protein	299	46.053
571	X83413	Human herpesvirus 6 U88	407	42.593
572	AF055904	Myxococcus xanthus unknown	150	38.889
573	K03204	Homo sapiens salivary proline-rich	220	36.310
		protein precursor		
574	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	368	65.979
575	X51394	Xenopus laevis APEG precursor protein	317	34.091
576	M22334	Homo sapiens unknown protein	631	51.101
577	X90569	Homo sapiens elastic titin	270	35.455
578	X51394	Xenopus laevis APEG precursor protein	263	31.773
579	AB008372	Oncorhynchus mykiss alpha 2 type I collagen	266	31.116
580	AE001727	Thermotoga maritima conserved hypothetical protein	226	28.571
581	U08020	Mus musculus collagen pro-alpha-1 type I chain	179	32.203
582	AJ132099	Homo sapiens VNN1 protein	944	70.936
583	AB020629	Homo sapiens KIAA0822 protein	1552	70.904
584	M76671	Lycopersicon esculentum extensin (class	238	31.361
		II)		
585	AC004144	Homo sapiens R34001 1	1611	78.571
586	D31909	Pneumocystis carinii ORF-3	210	32.857
587	AB012223	Canis familiaris ORF2	213	39.695
588	AL117200	Caenorhabditis elegans predicted using Genefinder; preliminary prediction	320	25.123
589	M83179	Gallus gallus alpha-3 type IX collagen	218	28.713
590	X03725	Mus musculus ORF 2 (466 aa)	262	41.880
591	Z78018	Caenorhabditis elegans predicted using	1258	36.444
931		Genefinder; similar to serine/threonine kinase; cDNA EST yk353d10.5 comes from this gene	1230	30.111
592	Z34465	Zea mays extensin-like protein	238	30.556
593	Z68760	Homo sapiens Similarity to Human ankaryin (SW:ANKB HUMAN); cDNA EST	362	37.952
		EMBL: D34286 comes from this gene; cD		
594	AB028236	Tricholoma matsutake Pol (reverse transcriptase-RNase H-integrase)	172	31.111
595	AF053745	Mus dunni endogenous virus gag protein	205	37.615
596	X92887	Human endogenous retrovirus K pol/env	586	64.493
597	AB002321	Homo sapiens KIAA0323	1358	85.169
598	L32973	Mus musculus This ORF is capable of	1011	80.952
		encoding 432 aa which is similar to thymidylate kinases especially at two domains: the p-loop or catalytic site and the substrate binding site; ORF		
599	M22333	Homo sapiens unknown protein	418	46.000
600	AF033811	Moloney murine leukemia virus Pr180	359	50.376
601	AF026954	Bos taurus pyruvate dehydrogenase phosphatase regulatory subunit precursor; PDPr	797	72.131
602	M13100		286	41.781
	L	Rattus norvegicus unknown protein		
603	D42043	Homo sapiens The ha2022 gene product is novel.	1232	75.746
604	AL110188	Homo sapiens hypothetical protein	657	50.746
605	U41557	Caenorhabditis elegans proline and glycine-rich	255	30.154

606	M95610	Homo sapiens alpha-2 IX collagen	152	29.795
607	AC004221	Homo sapiens R29144 1	144	27.500
608	AL031588	Homo sapiens dJ1163J1.1 (ortholog of mouse transmembrane receptor Celsr1 (KIAA0279 LIKE EGF-like domain containing protein similar to rat MEGF2)	1006	75.622
609	AC004460	Homo sapiens similar to golgi antigen; similar to Q08379 (PID:g2498401)	571	78.448
610	L12016	Rattus norvegicus tricarboxylate transport protein	593	64.671
611	X69838	Homo sapiens G9a	426	63.910
612	U08020	Mus musculus collagen pro-alpha-1 type I chain	268	35.401
613	X83429	Bombyx mori alpha-tubulin	741	81.119
614	AJ238221	Homo sapiens RNA polymerase III subunit	175	64.815
615	M58378	Homo sapiens synapsin Ib	175	35.616
616	AB015440	Rana catesbeiana alpha 1 type I collagen	251	31.657
617	AJ001038	Mus musculus M-protein	1798	45.704
618	D70831	Homo sapiens Zinc-finger protein	563	63.504
619	U49830	Caenorhabditis elegans coded for by C. elegans cDNA yk14e10.3; similar to S. pombe cell division control protein 16, CDC16 (SP:CC16_SCHPO,P36618) and to S. cerevisiae cell cycle arrest protein BUB2 (SP:BUB2_YEAST, P26448)	628	34.571
620	AL021366	Homo sapiens cICK0721Q.4.1 (PHD finger protein 1) (isoform 1)	443	39.791
621	L03427	Homo sapiens basonuclin	327	32.510
622	บ93570	Homo sapiens putative p150	287	39.355
623	Z75550	Caenorhabditis elegans weak similarity with BRKA gene from Bordetella Pertussis; cDNA EST EMBL:T01060 comes from this gene; cDNA EST EMBL:T01361 comes from this gene	588	49.524
624	AL022537	Arabidopsis thaliana putative protein	222	31.950
625	AF098511	Xenopus laevis Scythe	274	46.479
626	K03475	Homo sapiens pulmonary surfactant- associated protein	181	46.078
627	AB020629	Homo sapiens KIAA0822 protein	1415	72.107
628	Z73619	Saccharomyces cerevisiae ORF YPL263c	386	27.132
629	Z78279	Rattus norvegicus Collagen alphal	202	26.866
630	AF068706	Homo sapiens gamma2-adaptin	254	64.198
631	Z22964	Caenorhabditis elegans a2(IV) collagen	156	34.300
632	U23181	Caenorhabditis elegans final exon in repeat region; similar to long tandem repeat region of sialidase (SP:TCNA_TRYCR, P23253) and neurofilament H protein	223	36.150
633	AB015440	Rana catesbeiana alpha 1 type I collagen	331	28.466
634	AB014564	Homo sapiens KIAA0664 protein	513	58.140
635	AF092449	Heterodera glycines mucin-like protein	143	26.804
636	M63596	Xenopus laevis alpha-1 type II' collagen	298	32.249
637	AL031231	Streptomyces coelicolor hypothetical protein SC3C3.03c	187	29.365
638	AF077000	Rattus norvegicus protein tyrosine phosphatase TD14	319	33.968
639	D88440	Gallus gallus high molecular mass	177	22.642
640	M92913	nuclear antigen Nephila clavipes dragline silk fibroin	185	31.278

C 4 1	1 274C1E	I Hama and an amount alabatity calleges	306	29.108
641 642	Z74615 U41387	Homo sapiens prepro-alphal(I) collagen Homo sapiens Gu protein	843	60.484
643	Z92546	Homo sapiens bK65A6.1	1700	90.175
644	Y12713	Mus musculus Pro-Pol-dUTPase polyprotein	365	44.390
645	L36381	Neisseria gonorrhoeae putative	181	38.462
646	D38162	Mus musculus mouse al(XI) collagen chain	176	37.264
647	AF055904	Myxococcus xanthus unknown	192	33.166
648	AB023222	Homo sapiens KIAA1005 protein	472	37.805
649	U43200	Boreogadus saida antifreeze glycopeptide	149	40.157
013	0.0200	AFGP polyprotein precursor		10.120
650	U43200	Boreogadus saida antifreeze glycopeptide	232	31.687
		AFGP polyprotein precursor		
651	AF071172	Homo sapiens HERC2	797	81.765
652	AF098788	Gallus gallus nuclear calmodulin-binding	2383	61.111
		protein		
653	U47855	Araneus diadematus fibroin-3	386	28.099
654	AF083334	Antheraea pernyi fibroin	256	33.923
655	L02897	Canis familiaris beta-spectrin	164	27.962
656	U93572	Homo sapiens putative p150	377	55.814
657	AF071081	Mycobacterium tuberculosis proline-rich	266	33.562
		mucin homolog		
658	L28125	Podospora anserina beta transducin-like	316	26.525
65.0	7 7001 500	protein	1000	20 100
659	AF031588	Homo sapiens WASP interacting protein	266	30.102
660	AC006135	Arabidopsis thaliana putative vicilin	389	41.618
661	Z38061	storage protein (globulin-like) Saccharomyces cerevisiae mal5, stal,	230	22.689
991	720001	len: 1367, CAI: 0.3, AMYH YEAST P08640	230	22.009
		GLUCOAMYLASE S1 (EC 3.2.1.3)		
662	AL033514	Caenorhabditis elegans Y75B8A.12	510	41.441
663	X12928	Triticum aestivum HMW glutenin subunit 5	312	30.033
005	112320	(AA 1-848)	312	30.033
664	U93564	Homo sapiens putative p150	933	62.195
665	U93572	Homo sapiens putative p150	338	48.673
666	Y12713	Mus musculus Gag polyprotein	288	45.528
667	M13100	Rattus norvegicus unknown protein	239	42.056
668	AF000298	Caenorhabditis elegans weak similarity	246	29.562
		to collagens; glycine- and proline-rich		
669	M19419	Mus musculus proline-rich salivary	261	38.743
		protein		
670	X53581	Rattus norvegicus ORF3	332	54.491
671	Y10392	Human endogenous retrovirus K gag	273	44.144
670	VC1004	protein	201	20 144
672	X61294	Rattus norvegicus L1 retroposon, a	291	38.144
673	U43360	portion of its ORF2 sequence Peromyscus maniculatus reverse	215	45.614
0/3	043300	transcriptase	213	45.014
674	U93572	Homo sapiens putative p150	396	57.554
675	AF081113	Mus musculus domesticus ORF1	188	45.370
676	U49974	Homo sapiens mariner transposase	590	72.222
677	AF083384	Homo sapiens 45kDa splicing factor; SPF	654	73.649
		45		
678	Y17833	Human endogenous retrovirus K gag	277	44.860
		protein		
679	X67863	Mus musculus T2	179	37.857
680	X59244	Homo sapiens ZNF43	519	50.282
681	Y12713	Mus musculus Pro-Pol-dUTPase polyprotein	194	41.538
682	U64849	Caenorhabditis elegans Contains	974	44.475
		similarity to Pfam domain: PF00646 (F-		

	1	box), Score=28.7, E-value=4.3e-05, N=1	T	1
683	AF121009	Mycobacterium tuberculosis H37Rv	273	31.429
000	11121009	hypothetical protein Jv0534	- ' - '	31.429
684	X01469	Plasmodium lophurae histidine-rich	298	56.410
001		protein		
685	AB012223	Canis familiaris ORF2	290	54.545
686	Z92546	Homo sapiens bK65A6.1	411	43.333
687	Z81515	Unknown cDNA EST EMBL:T01055 comes from	328	24.746
		this gene; cDNA EST EMBL:D74980 comes		
	1	from this gene; cDNA		
688	AF067607	Caenorhabditis elegans Similar to	183	30.594
		cuticular collagen; C18H7.3		
689	X17403	human herpesvirus 5 HCMVUL61	185	31.188
690	AF036145	Homo sapiens meningioma-expressed	675	70.909
601	D T1 20000	antigen 5	000	20 000
691 692	AJ132828 X58251	Spermatozopsis similis p210 protein	229	30.802
693	X63134	Mus musculus pro-alpha-2(I) collagen	201 195	26.974 26.210
093	X03134	Zea mays hydroxyproline-rich glycoprotein	195	26.210
694	X56044	Mus musculus protein Htf9C	1143	63.023
695	Z34465	Zea mays extensin-like protein	188	32.800
696	V01555	Human herpesvirus 4 BRLF1 reading frame,	164	30.319
050	101000	(immediate?) early gene, acts as	101	30.313
		transcription activator.		
697	AB012223	Canis familiaris ORF2	540	46.377
698	AF081111	Mus musculus domesticus ORF2	727	46.201
699	AF010144	Homo sapiens neuronal thread protein	347	61.538
		AD7c-NTP		
700	AF003535	Homo sapiens ORF2-like protein	328	49.032
701	Z84476	Homo sapiens dJ25J6.4 (ret finger	292	32.639
	1	protein)		
702	U34781	Anthopleura elegantissima Antho-LWamidII	300	32.584
703	7.2005.2	preprohormone	100	60.000
703	L26953 D12983	Homo sapiens chromosomal protein Pyrococcus furiosus DNA polymerase	199 1140	68.000
704	AB014596	Homo sapiens KIAA0696 protein	723	96.923 86.232
706	AF030131	Mus musculus Plenty of SH3s; POSH	132	25.328
707	L29029	Chlamydomonas reinhardtii amino acid	205	33.846
707	123023	feature: Rod protein domain, aa 266	203	33.040
		468; amino acid feature: globular		
		protein domain, aa 32 265		
708	X83413	Human herpesvirus 6 U88	213	40.299
709	Z81503	Caenorhabditis elegans predicted using	130	30.151
		Genefinder; similar to collagen; cDNA		
		EST EMBL: D65450 comes from this gene;		
		cDNA EST EMBL: D68888 comes from this		
710	712615	gene		1
710	D13645	Homo sapiens KIAA0020	641	80.435
711	U94855	Homo sapiens translation initiation	276	75.556
712	AC007192	factor 3 47 kDa subunit	1055	177 430
112	AC00/192	Homo sapiens P85B_HUMAN; PTDINS-3-KINASE P85-BETA	1055	77.432
713	D83146	Mus musculus Six5	327	53.600
714	M60832	Homo sapiens alpha-2 type VIII collagen	200	33.673
715	L48440	Rattus norvegicus collagen alpha 1 type	286	33.639
🗸		II	===	33.333
716	L48440	Rattus norvegicus collagen alpha 1 type	283	29.070
		II		
717	AB012223	Canis familiaris ORF2	343	37.727

718 719				
	U09367	Homo sapiens zinc finger protein ZNF136	605	59.494
	AL078579	Arabidopsis thaliana putative proline- rich protein	186	33.333
720	Y12713	Mus musculus Pro-Pol-dUTPase polyprotein	1796	73.351
721	AF071081	Mycobacterium tuberculosis proline-rich	213	29.618
		mucin homolog		
722	U07973	Gallus gallus alpha-1 collagen type III	190	30.837
723	AL050306	Homo sapiens dJ475B7.2 (novel protein)	217	52.381
724	M13100	Rattus norvegicus unknown protein	234	58.333
725	AB012223	Canis familiaris ORF2	337	52.713
726	X64698	Homo sapiens titin	1055	84.314
727	AF041449	Homo sapiens advillin; p92	267	60.204
728	Y12713	Mus musculus Pro-Pol-dUTPase polyprotein	503	69.748
729	U10281	Sus scrofa gastric mucin	198	28.326
730	X64322	Chironomus tentans BR1	223	45.349
731	AF043636	Plasmodium chabaudi circumsporozoite protein	345	55.682
732	AE000114	Escherichia coli possible synthesis of cofactor for carnitine racemase and dehydratase	955	93.038
733	U93569	Homo sapiens putative p150	362	46.296
734	AF104328	Arabidopsis thaliana cell wall-plasma	186	45.263
		membrane linker protein homolog		
735	AB032552	Schizosaccharomyces pombe mip1	1068	61.355
736	AL079348	Streptomyces coelicolor putative serine- threonine protein kinase	195	34.010
737	X54162	Homo sapiens 64 Kd autoantigen	460	48.876
738	U93572	Homo sapiens putative p150	352	48.734
739	L29028	Unknown amino acid feature: N-	188	37.931
		glycosylation sites, aa 41 43, 46 48, 51 53, 72 74, 107 .		
740	Z38061	Saccharomyces cerevisiae mal5, sta1, len: 1367, CAI: 0.3, AMYH_YEAST P08640 GLUCOAMYLASE S1 (EC 3.2.1.3)	164	27.500
741	AF151865	Homo sapiens CGI-107 protein	556	73.050
742	AF094519	Mus musculus diaphanous-related formin; p134 mDia2	1533	87.500
743	U22376	Homo sapiens alternatively spliced product using exon 13A	372	55.200
744	L17318	Rattus norvegicus proline-rich proteoglycan	252	46.154
745	AF153604	Homo sapiens ubiquitin-specific protease homolog	224	48.673
746	Z82268	Unknown cDNA EST yk338g10.5 comes from this gene; cDNA EST EMBL:D27934 comes from this gene; cDNA E	489	39.405
747	L27428	Homo sapiens reverse transcriptase	241	45.528
748	AF003522	Homo sapiens Delta	501	75.000
749	U76759	Mus musculus nuclear protein NIP45	533	57.778
	AJ000517	Homo sapiens spinocerebellar ataxia 7	1214	42.626
750	U07786	Sus scrofa beta actin	537	69.118
751	AF004161	Oryctolagus cuniculus peroxisomal Ca-	813	67.797
	Aroution		013	07.757
751	AC006264	dependent solute carrier	335	
751 752		dependent solute carrier Arabidopsis thaliana unknown protein	335	45.217
751 752 753 754	AC006264 Z98979	dependent solute carrier Arabidopsis thaliana unknown protein Schizosaccharomyces pombe tat binding homolog	335 526	45.217 49.333
751 752 753	AC006264	dependent solute carrier Arabidopsis thaliana unknown protein Schizosaccharomyces pombe tat binding	335	45.217

		protein kinase TAO1		
757	U40342	Mus musculus ninein	660	64.072
758	AF055077	Homo sapiens zinc finger protein 42	595	32.447
759	M12100	Mus musculus proline-rich protein MP-3	207	48.810
760	AF140675	Homo sapiens zinc metalloprotease	413	46.970
		ADAMTS7		
761	X53581	Rattus norvegicus ORF2	188	42.718
762	U40342	Mus musculus ninein	1779	76.903
763	AC003027	Arabidopsis thaliana lcl prt seq No	277	41.406
		definition line found		
764	U88549	Mus musculus OL-protocadherin	760	89.516
765	U45958	Nicotiana alata pistil extensin-like	182	32.800
		protein		
766	U55816	Rattus norvegicus furosemide-sensitive	5046	98.710
	000010	K-Cl cotransporter	0010	30.110
767	D30612	Homo sapiens repressor protein	1280	42.786
768	AB011135	Homo sapiens KIAA0563 protein	1104	77.193
769	AB029014	Homo sapiens KIAA1091 protein	9111	99.852
770	X83413	Human herpesvirus 6 U88	253	48.673
771	X03115	Homo sapiens pot. ORF V	212	39.286
772	AB023183	Homo sapiens KIAA0966 protein	407	98.485
773	X15334	Homo sapiens creatine kinase B	195	56.667
774	M98502	Mus musculus pMLZ-4	677	63.571
775	AF003535	Homo sapiens ORF2-like protein	175	50.602
776	AF109905	Mus musculus Hsc70t	355	88.060
777	U90126	Bos taurus ABC transporter	230	
778	U09411		611	35.294
779	U49974	Homo sapiens zinc finger protein ZNF132		65.873
780	1	Homo sapiens mariner transposase	494	77.670
	D86974	Homo sapiens KIAA0220	1169	97.238
781	Y12713	Mus musculus Pro-Pol-dUTPase polyprotein	669	79.699
782	AB014607	Homo sapiens KIAA0707 protein	396	75.309
783 784	M62626	Homo sapiens homeobox protein	264	74.545
784	L01790	Drosophila melanogaster potential zinc-	743	48.230
		finger domains centered at aa 135 and aa 364; 43 kDa protein; putative		
785	AL080157		352	77.632
786	L01790	Homo sapiens hypothetical protein		
700	Б01/90	Drosophila melanogaster potential zinc-	673	50.249
		finger domains centered at aa 135 and aa		
787	X83413	364; 43 kDa protein; putative Human herpesvirus 6 U88	47	41.379
788	X94082	Xenopus laevis KLP2 protein		
789		*	497	39.844
790	AB006628 X78932	Homo sapiens KIAA0290	414	44.898
790	U93909	Homo sapiens zinc finger protein Cercopithecine herpesvirus 15 nuclear	361	53.043
1 21	1 093909	antigen EBNA-1	137	41.3/9
792	AB002304	Homo sapiens KIAA0306	910	73.729
793	AJ000517		890	
794	L22858	Homo sapiens spinocerebellar ataxia 7 Autographa californica	201	43.280
1 24	122030		201	51.515
795	A09561	nucleopolyhedrovirus AcOrf-91 peptide	1295	90 407
796	U00029	synthetic construct human serum albumin		99.487
796	AB005803	Saccharomyces cerevisiae Yhr217cp	169	45.946
798		Homo sapiens histidine-rich glycoprotein	244	43.038
	U25725	Homo sapiens AH antigen	1128	98.333
799	D63487	Homo sapiens The KIAA0153 gene product	349	69.512
		is related to a putative C.elegans gene		
900	D T222001	encoded in cosmid F42A8.	250	72 014
800	AJ222801	Homo sapiens neutral sphingomyelinase	250	73.214
801	AL035652	Homo sapiens dJ1J6.1 (topoisomerase	165	92.000
		(DNA) I)		

802	S38742	Homo sapiens HOX11 homeodomain=HOX11	351	74.684
803	S70011	Rattus sp. tricarboxylate carrier	226	43.119
804	AB028948	Homo sapiens KIAA1025 protein	607	75.652
805	U95760	Drosophila melanogaster Sno	1513	50.763
806	AF164610	Homo sapiens Gag protein	786	55.399
807	AJ001189	Homo sapiens oligophrenin 1	355	68.966
808	L20315	Mus musculus MPS1 protein	1517	77.899
809	AF132480	Mus musculus Ese2 protein	1515	89.057
810	D70831	Homo sapiens Zinc-finger protein	462	67.890
811	M21582	Trypanosoma cruzi chagas antigen	177	51.639
812	X65165	Volvox carteri extensin	293	41.463
813	AF155095		379	51.773
814	AF093140	Homo sapiens NY-REN-2 antigen	192	77.500
		Mus musculus tip associating protein		
815	X52472	Triticum aestivum proline-rich protein	339	30.876
816	Y18890	Human endogenous retrovirus K env protein	490	60.345
817	U41107	Caenorhabditis elegans No definition line found	308	28.571
818	AF092091	Rattus norvegicus cp431	478	46.667
819	AE001406	Plasmodium falciparum predicted membrane	166	38.136
		associated protein		
820	AB020709	Homo sapiens KIAA0902 protein	939	55.516
821	X03725	Mus musculus ORF 2 (466 aa)	348	52.414
822	270310	Caenorhabditis elegans R11A8.7b	1729	53.875
823	U35376	Homo sapiens repressor transcriptional	547	73.451
023	033376	factor	347	/3.431
824	AL031177	Homo sapiens dJ889M15.3 (novel protein)	434	32.800
825	Y17832	Human endogenous retrovirus K pol	1176	60.201
		protein		
826	AJ010641	Drosophila melanogaster Dof protein	186	24.042
827	AF045454	Cavia porcellus phospholipase B	1279	60.942
828	AB020678	Homo sapiens KIAA0871 protein	1181	66.182
829	Y14318	Homo sapiens peroxisomal ABC-transporter	201	56.250
830	AB014607	Homo sapiens KIAA0707 protein	902	77.436
831	AC003007	Homo sapiens Unknown gene product (partial)	2180	91.733
832	AC004893	Homo sapiens similar to NEDD-4 (KIA0093); similar to P46934 (PID:g1171682)	316	80.000
833	AL080091	Homo sapiens hypothetical protein	402	59.223
834	M19538	Cricetulus griseus RNA polymerase II largest subunit	171	27.917
835	M87049	Escherichia coli similar to putative	1020	100.000
033	110 / 04 9	regulatory protein AtsB of Klebsiella pneumoniae	1020	100.000
836	Z83868	Rattus norvegicus serine/threonine kinase	2896	91.268
837	AF102855	Rattus norvegicus synaptic SAPAP- interacting protein Synamon	871	58.621
838	AB029022	Homo sapiens KIAA1099 protein	1091	64.583
839	M22334	Homo sapiens unknown protein	934	67.143
840	AF030131	Mus musculus Plenty of SH3s; POSH	2810	87.500
841	U50157	Homo sapiens cAMP-specific	573	83.333
	"""	phosphodiesterase HPDE4D1 variant	1	
842	Y09788	Homo sapiens mucin	219	30.052
843	AB023226	Homo sapiens KIAA1009 protein	756	75.410
844	D50857	Homo sapiens DOCK180 protein	1779	69.211
845	X58826	Drosophila melanogaster RNA polymerase	841	69.110
_		III second-largest subunit		

846	AB018353	Homo sapiens KIAA0810 protein	191	53.731
847	AJ011928	Drosophila melanogaster Fidipidine	377	37.056
848	250144	Rattus norvegicus kynurenine/alpha- aminoadipate aminotransferase	337	62.821
849	AL009197	Schizosaccharomyces pombe putative pre- mRNA splicing factor ATP-dependent RNA helicase	251	47.619
850	U06713	Rattus norvegicus SM-20	750	66.129
851	270310	Caenorhabditis elegans R11A8.7b	1310	57.487
852	U32498	Rattus norvegicus rsec8	2904	95.238
853	U35376	Homo sapiens repressor transcriptional factor	1212	78.281
854	AF081941	Rattus norvegicus soluble adenylyl cyclase	230	30.682
855	AF012252	Gallus gallus Coch-5B2	626	46.632
856	AB027757	Cicer arietinum NADPH oxidoreductase homolog	886	43.817
857	S74902	Homo sapiens P2U nucleotide receptor	197	34.375
858	D50928	Homo sapiens The KIAA0138 gene product is novel.	539	38.971
859	X67704	Drosophila melanogaster sperm protein	196	38.393
860	X99145	Canis familiaris overexpressed in thyroid tissue after TSH stimulation	1278	84.100
861	AJ006278	Mus musculus acetylglucosaminyltransferase-like protein	1759	70.637
862	AC007651	Arabidopsis thaliana Hypothetical protein	247	27.155
863	X05562	Homo sapiens alpha-2 chain precursor (AA -25 to 1018) (3416 is 2nd base in codon)	1095	100.000
864	Y09945	Rattus norvegicus putative integral membrane transport protein	1254	53.867
865	X66957	Homo sapiens hexokinase type 1	701	73.239
866	AB007938	Homo sapiens KIAA0469 protein	296	31.841
867	L20303	Gallus gallus actin filament-associated protein	230	41.758
868	L08240	Homo sapiens located at OATL1	484	40.183
869	D86947	Pseudomonas aeruginosa chemotactic transducer	186	26.923
870	AF043697	Caenorhabditis elegans contains similarity to NAD(P)H oxidases	307	38.889
871	Z46861	Saccharomyces cerevisiae Met30p	179	37.209
872	U09413	Homo sapiens zinc finger protein ZNF135	538	51.049
873	U95760	Drosophila melanogaster Sno	1513	50.763
874	AL022165	Homo sapiens dJ71L16.5 (KIAA0267 LIKE putative Na(+)/H(+) exchanger)	1207	73.462
875	AF038615	Caenorhabditis elegans No definition line found	272	23.145
876	U72194	Mus musculus muskelin	1156	90.722
877	M62324	Homo sapiens modulator recognition factor I	828	75.401
878	AB023202	Homo sapiens KIAA0985 protein	397	48.649
879	AL117472	Homo sapiens hypothetical protein	905	94.904
880	AC006017	Homo sapiens similar to ALR; similar to AAC51735 (PID:g2358287)	2584	98.718
881	AF079974	Mus musculus Rac GTPase-activating protein	2441	86.998
882	Z83868	Rattus norvegicus serine/threonine kinase	2896	91.268

883	U09367	Homo sapiens zinc finger protein ZNF136	761	65.089
884	Z19555	Unknown predicted using Genefinder;	2310	65.483
		similar to Propionyl-CoA carboxylase		
		beta chain; cDNA EST EMBL:		
885	L11316	Mus musculus ect2	1642	97.287
886	AC006123	Homo sapiens KIAA0616 protein	307	33.831
887	X76013	Homo sapiens glutaminyl-tRNA synthetase	4984	99.597
888	AB020721	Homo sapiens KIAA0914 protein	852	50.177
889	X83413	Human herpesvirus 6 U88	205	30.769
890	AB019003	Mus musculus MRP5	609	50.691
891	U67056	Acanthamoeba castellanii myosin I heavy chain kinase	363	35.125
892	U47661	Lupinus luteus proline-rich protein PRP2 precursor	184	40.397
893	AL050298	Homo sapiens hypothetical protein	1751	98.881
894	AB020718	Homo sapiens KIAA0911 protein	611	63.265
895	AB017498	Homo sapiens Lipoprotein Receptor Related Protein 5	1453	75.962
896	AB001735	Mus musculus ADAMTS-1	309	34.783
897	X78933	Homo sapiens zinc finger protein	582	58.333
898	AC006942	Homo sapiens Human alpha-adaptin A homolog	423	78.571
899	D79994	Homo sapiens similar to ankyrin of Chromatium vinosum.	395	32.231
900	L20302	Gallus gallus actin filament protein	244	28.082
901	X87224	Canis familiaris ribosome receptor	5288	81.853
902	AB014568	Homo sapiens KIAA0668 protein	558	75.940
903	X90849	Gallus gallus polybromo 1 protein	2365	95.767
904	AB002384	Homo sapiens KIAA0386	526	29.011
905	U07609	Rattus norvegicus brain specific Na+- dependent inorganic phosphate cotransporter	383	90.909
906	AB011127	Homo sapiens KIAA0555 protein	2001	60.036
907	X90587	Homo sapiens Rod cGMP phosphodiesterase	513	60.221
908	X69063	Mus musculus erythroid ankyrin	475	33.813
909	AB029016	Homo sapiens KIAA1093 protein	499	40.549
910	AF117754	Homo sapiens thyroid hormone receptor- associated protein complex component TRAP240	497	43.627
911	X58288	Homo sapiens protein-tyrosine phosphatase	5123	99.870
912	D49489	Homo sapiens human P5	274	50.000
913	U68380	Gallus gallus csdp	1158	61.888
914	D78255	Mus musculus PAP-1	1261	92.821
915	U13642	Caenorhabditis elegans exon 5 similar to transmembrane domain of S. cerevisiae zinc resistance protein	351	38.860
916	X73874	Homo sapiens phosphorylase kinase	1161	93.137
917	X52127	Mus musculus domesticus testis-specific protein, clone 46	244	34.746
918	L36434	Mus musculus basic domain/leucine zipper transcription factor	225	39.860
919	Z17238	Rattus norvegicus glutamate receptor subtype delta-1	848	77.297
920	U09413	Homo sapiens zinc finger protein ZNF135	779	51.042
921	U73200	Mus musculus pl16Rip	3211	88.328
922	AC004528	Homo sapiens R32184 3	2194	95.342
923	AF067165	Homo sapiens zinc finger protein 3	491	62.992
924	U66707	Rattus norvegicus densin-180	271	31.832

925	U41538	Caenorhabditis elegans proline rich	226	36.066
926	AF071544	Spinacia oleracea ribulose-1,5-	195	30.147
		bisphosphate carboxylase/oxygenase small		
		subunit N-methyltransferase I		
927	Z95334	Schizosaccharomyces pombe hypothetical	2386	52.191
		protein		
928	AF007872	Homo sapiens torsinB	235	43.011
929	AF151847	Homo sapiens CGI-89 protein	796	56.784
930	AL031848	Homo sapiens dJ20208.1 (novel rat Espin	171	41.304
		LIKE protein containing Ank repeats)		
931	AF053356	Homo sapiens leucin rich neuronal	1259	99.490
		protein		
932	U37501	Mus musculus laminin alpha 5 chain	449	53.289
933	AL031447	Homo sapiens dJ126A5.2.1 (novel protein)	176	26.370
		(isoform 1)		
934	AJ010901	Homo sapiens MUC4	276	25.872
935	AJ007395	Homo sapiens QA79 membrane protein	547	63.699
936	AF064254	Homo sapiens very long-chain acyl-CoA	454	81.720
		synthetase homolog 1; VLCS-H1		
937	U28377	Escherichia coli ORF_f246; alternate	430	94.521
		name yggE'; orf6 of X14436		
938	U37248	Homo sapiens alpha-mannosidase	363	52.113
939	L20319	Rattus norvegicus developmentally	639	76.336
		regulated protein		
940	AB007895	Homo sapiens KIAA0435	988	64.502
941	U22815	Homo sapiens LAR-interacting protein la	976	68.254
942	AF043695	Caenorhabditis elegans similar to the	259	30.435
		protein phosphates 2c family		
943	D86560	Schizosaccharomyces pombe	183	31.783
0.4.4	77015000	carboxypeptidase Y		10055
944	AB015289	Gallus gallus BASH	191	42.857
945	X65165	Volvox carteri extensin	235	39.806
946	AB023216	Homo sapiens KIAA0999 protein	1157	79.661
947	AF010403	Homo sapiens ALR	180	36.029
948	AF003535	Homo sapiens ORF2-like protein	176	52.459
949	Z99271	Caenorhabditis elegans similar to zinc	495	40.506
		metallopeptidase (M8 family); cDNA EST EMBL:C07771 comes from this gene; cDNA		
		EST EMBL: C09261 comes from this gene;		
		cDNA EST yk259c1.5 comes from this gene		
950	Y17920	Drosophila melanogaster CALO protein	741	42.525
951	AF074086	Homo sapiens polymerase	2590	84.774
952	D86983	Homo sapiens similar to D.melanogaster	1173	67.568
JJ2	500303	peroxidasin(U11052)	11/3	07.500
953	U13152	Mesocricetus auratus guanine nucleotide-	2174	85.158
,,,,	013132	binding protein beta 5	21/3	03.130
954	S58722	Homo sapiens X-linked retinopathy	179	76.316
,,,	000722	protein {C-terminal, clone XEH.8c}	1,7	70.310
955	AF084205	Rattus norvegicus serine/threonine	2886	98.670
		protein kinase TAO1	2000	30.070
956	Y11710	Homo sapiens collagen type XIV	1892	100.000
957	AC004893	Homo sapiens similar to NEDD-4	316	80.000
		(KIA0093); similar to P46934		
		(PID:g1171682)		
958	X52046	Mus musculus type III collagen	260	32.215
959	AF149422	Homo sapiens unknown	329	42.537
960	AF037364	Homo sapiens paraneoplastic neuronal	289	36.810
		antigen MA1		
961	U15784	Mus musculus Shcp52	216	45.098
	1	T T T T T T T T T T T T T T T T T T T	1	1 20.000

962	AB029290	Homo sapiens actin binding protein ABP620	1780	100.000
963	AF057140	Homo sapiens cargo selection protein TIP47	511	38.095
964	U29156	Mus musculus involved in signaling by the epidermal growth factor receptor; Method: conceptual translation supplied by author	1321	95.516
965	X67863	Mus musculus T2	182	37.895
966	AB029014	Homo sapiens KIAA1091 protein	9111	99.852
967	AB014568	Homo sapiens KIAA0668 protein	558	75.940
968	AF017777	Drosophila melanogaster misato	654	30.948
969	AF071186	Mus musculus WW domain binding protein	230	35.915
970	AC004865	Homo sapiens similar to KIAA0319; similar to AB002317 (PID:g2224579)	1715	93.857
971	AF109719	Mus musculus BAT2	1132	36.805
972	AC007019	Arabidopsis thaliana hypothetical protein	648	37.183
973	AF003739	Caenorhabditis elegans No definition line found	412	51.402
974	AJ000517	Homo sapiens spinocerebellar ataxia 7	890	43.280
975	AF016252	Rattus norvegicus Spinophilin	2415	98.947
976	Z70208	Caenorhabditis elegans predicted using Genefinder; similar to collagen	165	34.459
977	AJ010482	Homo sapiens Myopodin protein	699	36.627
978	U92072	Rattus norvegicus m-tomosyn	1148	94.505
979	Z74037	Caenorhabditis elegans predicted using Genefinder; similar to collagen	203	30.366
980	U55816	Rattus norvegicus furosemide-sensitive K-Cl cotransporter	729	83.436
981	246259	Saccharomyces cerevisiae NO348	273	26.923
982	U26397	Rattus norvegicus inositol polyphosphate 4-phosphatase	384	28.378
983	AB002320	Homo sapiens KIAA0322	930	94.231
984	AB020678	Homo sapiens KIAA0871 protein	1181	66.182
985	AB026190	Homo sapiens Kelch motif containing protein	930	47.975
986	X56044	Mus musculus protein Htf9C	400	39.037
987	AF109907	Homo sapiens S164	317	27.341
988	AB000215	Rattus norvegicus CCA1 protein	1516	89.615
989	AF091457	Rattus norvegicus zinc finger protein RIN ZF	1474	81.851
990	AC006193	Arabidopsis thaliana Hypothetical Protein	481	32.155
991	D86966	Homo sapiens similarto human ZFY protein.	544	46.023
992	U22818	Cricetulus griseus mutant sterol regulatory element binding protein-2	729	74.342
993	AB017614	Mus musculus OASIS protein	724	64.062
994	D87682	Homo sapiens similar to a C.elegans protein encoded in cosmid T26A5.	1380	80.135
995	M17921	human herpesvirus 1 latency associated transcript (LAT) ORF-2	266	56.818
996	AF151821	Homo sapiens CGI-63 protein	180	85.294
997	AF128625	Homo sapiens CDC42-binding protein kinase beta	5379	99.509
998	U43194	Mus musculus rhophilin	1007	45.966
999	AF009039	Homo sapiens synaptojanin	180	34.127
	1 00000	1 nome ouproise symaposjumin	1	1 22.161

1000	AF005036	Mus musculus secretory carrier membrane 584	 1	55.705
1000		protein		33.703
1001	U02289	Caenorhabditis elegans GTPase-activating protein	650	42.606
1002	X52022	Homo sapiens collagen type VI, alpha 3 chain	412	50.758
1003	U22376	Homo sapiens alternatively spliced product using exon 13A	322	71.622
1004	AF032103	Homo sapiens ataxin-7	833	44.702
1005	U56732	Rattus norvegicus KRAB/zinc finger suppressor protein 1	1459	50.336
1006	AJ010949	Mus musculus calcium channel alpha-2-delta-C subunit	604	49.444
1007	M16591	Homo sapiens protein-tyrosine kinase	234	89.583
1008	U28831	Homo sapiens protein that is immuno-reactive with anti-PTH polyclonal antibodies	2221	95.263
1009	AF103939	Homo sapiens echinoderm microtubule-associated protein-like EMAP2	1283	56.051
1010	U76992	Homo sapiens Tat-SF1	410	48.000
1011	U93872	Kaposi's sarcoma-associated herpesvirus ORF 73, contains large complex repeat CR 73	164	25.874
1012	Z75543	Caenorhabditis elegans cDNA EST EMBL:M89063 comes from this gene; cDNA EST yk384fl.3 comes from this gene; cDNA EST yk384fl.5 comes from this gene	250	32.773
1013	M25393	Homo sapiens protein tyrosine phosphatase	996	91.617
1014	X90569	Homo sapiens elastic titin	1746	82.390
1015	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	226	69.811
1016	AF187961	Schizosaccharomyces pombe ubiquitin carboxyl- terminal hydrolase	498	30.311
1017	AF186461	Rattus norvegicus ring finger protein Fxy	53	30.233
1018	AL035526	Arabidopsis thaliana extensin-like protein	222	36.196
1019		Volvox carteri extensin	223	40.458
1020	X98411	Homo sapiens myosin-IE	192	33.140
1021	Z81561	Caenorhabditis elegans cDNA EST yk338f6.5 comes from this gene; cDNA EST EMBL:D75296 comes from this gene	279	33.333
1022	Y17833	Human endogenous retrovirus K pol protein	813	85.034
1023	Z74035	Unknown similar to Zinc finger, C3HC4 type (RING finger); cDNA EST EMBL:D32547 comes from this gene	237	22.492
1024	Z14020	Nicotiana tabacum Pistil extensin like protein, partial CDS only	188	50.649
1025	AC002310	Homo sapiens Unknown gene product	187	56.140
1026	X90849	Gallus gallus polybromo 1 protein	2869	86.614
1027	D13896	Rattus norvegicus cytoplasmic dynein heavy chain	1642	98.540
1028	100116	Homo sapiens ORF1, encodes a 40 kDa product	371	50.407
	1 003110		3,1	00.10.
1029		Caenorhabditis elegans No definition line found	278	31.343
1029				
1030	U23519	Caenorhabditis elegans No definition line found Homo sapiens KRAB zinc finger protein; Method: conceptual translation supplied by author	278	31.343
1030 1031	U23519 U37263	Caenorhabditis elegans No definition line found Homo sapiens KRAB zinc finger protein; Method: conceptual translation supplied by author Homo sapiens KIAAO611 protein	278 331	31.343 46.847
1030 1031 1032	U23519 U37263 AB014511 Y10392	Caenorhabditis elegans No definition line found Homo sapiens KRAB zinc finger protein; Method: conceptual translation supplied by author Homo sapiens KIAA0611 protein Human endogenous retrovirus K gag protein	278 331 976 706	31.343 46.847 65.339 43.983
1030 1031 1032 1033	U23519 U37263 AB014511 Y10392 L25050	Caenorhabditis elegans No definition line found Homo sapiens KRAB zinc finger protein; Method: conceptual translation supplied by author Homo sapiens KIAAO611 protein Human endogenous retrovirus K gag protein Homo sapiens serine/proline-rich protein	278 331 976 706 521	31.343 46.847 65.339 43.983 57.396
1030 1031 1032	U23519 U37263 AB014511 Y10392	Caenorhabditis elegans No definition line found Homo sapiens KRAB zinc finger protein; Method: conceptual translation supplied by author Homo sapiens KIAA0611 protein Human endogenous retrovirus K gag protein Homo sapiens serine/proline-rich protein Homo sapiens KIAA0286 Homo sapiens leucine-rich glioma-inactivated	278 331 976 706	31.343 46.847 65.339 43.983
1030 1031 1032 1033 1034 1035	U23519 U37263 AB014511 Y10392 L25050 AB006624 AF055636	Caenorhabditis elegans No definition line found Homo sapiens KRAB zinc finger protein; Method: conceptual translation supplied by author Homo sapiens KIAA0611 protein Human endogenous retrovirus K gag protein Homo sapiens serine/proline-rich protein Homo sapiens KIAA0286 Homo sapiens leucine-rich glioma-inactivated protein precursor	278 331 976 706 521 433 934	31.343 46.847 65.339 43.983 57.396 31.897 52.459
1030 1031 1032 1033 1034 1035	U23519 U37263 AB014511 Y10392 L25050 AB006624 AF055636	Caenorhabditis elegans No definition line found Homo sapiens KRAB zinc finger protein; Method: conceptual translation supplied by author Homo sapiens KIAA0611 protein Human endogenous retrovirus K gag protein Homo sapiens serine/proline-rich protein Homo sapiens KIAA0286 Homo sapiens leucine-rich glioma-inactivated	278 331 976 706 521 433	31.343 46.847 65.339 43.983 57.396 31.897

1039	Z11527	Drosophila melanogaster CYS3HIS finger protein	389	51.754
1039	X87342	Homo sapiens Human giant larvae homologue	1057	95.181
1040	Z97184	Homo sapiens BING1	784	96.992
1041	Y09022	Homo sapiens Not56-like protein	1062	90.217
1042	AB018325	Homo sapiens KIAA0782 protein	202	43.363
1043	AF155101	Homo sapiens putative kruppel-related zinc	740	42.388
		finger protein NY-REN-23 antigen		
1045	AP000058	Aeropyrum pernix 246aa long hypothetical protein	252	41.818
1046	X65165	Volvox carteri extensin	257	46.250
1047	AC003080	Homo sapiens Similar to KIAA0299; 60% similarity to AB002297 (PID:q2224539)	2058	99.068
1048	AL110151	Homo sapiens hypothetical protein	352	37.288
1049	U25116	Dictyostelium discoideum cytoplasmic dynein intermediate chain	187	29.655
1050	D28863	Anthocidaris crassispina dynein intermediate chain 3	1166	71.193
1051	X12609	Homo sapiens anion transport protein (AA 1 - 911)	245	45.390
1052	Z54327	Caenorhabditis elegans C26D10.4	451	33.028
1053	U82808	Homo sapiens muscle-specific serine kinase 1	233	78.000
1054	AB002384	Homo sapiens KIAA0386	241	25.566
1055	AF117814	Mus musculus odd-skipped related 1 protein	984	94.156
1056	AF151840	Homo sapiens CGI-82 protein	363	45.890
1057	AL117448	Homo sapiens hypothetical protein	1107	74.180
1058	X90568	Homo sapiens Protein sequence and annotation	969	98.658
		available soon via Swiss-Prot; available at		
		present via e-mail from LABEIT@EMBL-		
		Heidelberg.DE		
1059	M26312	Oryctolagus cuniculus unknown protein	190	36.220
1060	AB020662	Homo sapiens KIAA0855 protein	520	37.808
1061	M27878	Homo sapiens DNA binding protein	721	71.852
1062	U22058	Mus musculus ADAM 4 protein precursor	689	63.704
1063	AF003622	Drosophila melanogaster A-kinase anchor protein DAKAP550	947	62.128
1064	AF017368	Mus musculus faciogenital dysplasia protein 2	2115	86.301
1065	X83413	Human herpesvirus 6 U88	550	55.645
1066	AF040642	Caenorhabditis elegans contains similarity to transacylases	800	35.476
1067	U88157	Rattus norvegicus PAM COOH-terminal interactor protein 10a	541	73.171
1068	AF155117	Homo sapiens NY-REN-62 antigen	1320	69.470
1069	AC002310	Homo sapiens Unknown gene product	187	56.140
1070	L09190	Homo sapiens trichohyalin	239	21.471
1071	X57017	Saccharomyces cerevisiae acetylglutamate kinase	418	27.020
1072	AB028978	Homo sapiens KIAA1055 protein	394	35.455
1073	U97553	murine herpesvirus 68 unknown	234	30.065
1074	L16507	Sus scrofa formiminotransferase-cyclodeaminase	776	90.076
1075	AB028997	Homo sapiens KIAA1074 protein	263	40.940
1076	X15769	Mus musculus U1RNA-associated 70-kDa protein	142	30.075
1077	X61296	Rattus norvegicus open reading frame 2	309	47.794
1078	AF181627	Drosophila melanogaster BcDNA.GH04120	699	37.669
1079	Z71408	Saccharomyces cerevisiae ORF YNL132w	1757	65.541
1080	Z47747	Homo sapiens NFKB1	322	100.000
1080	U50078		1085	77.209
1081	AL021918	Homo sapiens p532 Homo sapiens b34I8.1 (Kruppel related Zinc	893	49.801
1		Finger protein 184)		L
1083	AB007859	Homo sapiens KIAA0399	805	99.213

1084	AL023704	Schizosaccharomyces pombe putative	800	32.688
		translocation elongation factor-Tu fa mily		
1085	1	Mus musculus delta tubulin	61	56.522
1086		Drosophila melanogaster BcDNA.GH12144	207	36.567
1087	AL021747	Schizosaccharomyces pombe hypothetical protein	349	21.492
1088	AB023216	Homo sapiens KIAA0999 protein	1157	79.661
1089	AF130441	Arabidopsis thaliana UVB-resistance protein	347	33.766
		UVR8		
1090	AE001399	Plasmodium falciparum GAF domain protein	203	34.058
		(cyclic nt signal transduct.)		
1091	AF082556	Homo sapiens TRF1-interacting ankyrin-related	299	38.462
		ADP-ribose polymerase		
1092	S66427	Homo sapiens retinoblastoma binding protein 1,	603	63.576
		RBP1		
1093	X51591	Homo sapiens beta-myosin heavy chain (1151 AA)	158	26.846
1094	AB002335	Homo sapiens KIAA0337	193	60.294
1095	AB007950	Homo sapiens KIAA0481 protein	316	43.931
1096	AF109719	Mus musculus BAT2	1119	36.714
1097	AB028982	Homo sapiens KIAA1059 protein	1244	74.900
1098	AF076183	Rattus norvegicus cytosolic sorting protein	1620	95.849
		PACS-1a		
1099	U74586	Rattus norvegicus double-stranded RNA specific	393	68.478
		adenosine deaminase	L	
1100	X83413	Human herpesvirus 6 U88	334	40.909
1101		Rattus norvegicus Munc13-4 protein	4605	87.377
1102	AF039690	Homo sapiens antigen NY-CO-8	2056	78.465
1103	AF082664	Gallus gallus interferon alpha/beta receptor 1	242	28.782
1104	J02459	bacteriophage lambda exonuclease	886	96.528
1105	U79142	Sus scrofa putative inhibitor of apoptosis	471	39.024
1106	AB012223	Canis familiaris ORF2	203	52.941
1107	AB029014	Homo sapiens KIAA1091 protein	9111	99.852
1108	D86214	Mus musculus Ca2+ dependent activator protein	1702	93.141
		for secretion		
1109	Z93393	Unknown Similarity with snail BR-1 protein	673	31.447
		(Swiss Prot accession number Q25112); cDNA EST		
		EMBL: D371		
1110	AC005048	Homo sapiens laminin beta precursor; similar to	770	40.625
		AAB92586 (PID:g2708707)		
1111	บ93909	Cercopithecine herpesvirus 15 nuclear antigen	172	41.525
		EBNA-1		
1112	AF031939	Mus musculus RalBP1-associated EH domain	2397	95.968
		protein Reps1		
1113	U72972	Sus scrofa calcium/calmodulin-dependent protein	1737	98.195
2 2 2 4		kinase II isoform gamma-E		
1114	AC005142	Arabidopsis thaliana putative calcium channel	296	25.705
1115		Rattus norvegicus zinc finger protein RIN ZF	468	52.703
1116		Homo sapiens hypothetical protein	793	89.041
1117	D89285	Mesocricetus auratus inter-alpha-trypsin	1086	35.727
1111	70001501	inhibitor heavy chain 1		
1118	AC004594	Homo sapiens Ca2+ dependent activator protein	1891	98.936
1112	7000000	for secretion; similar to D86214 (NID:g1398903)		
1119	AB002323	Homo sapiens KIAA0325	3563	99.821
1120	Z98595	Schizosaccharomyces pombe hypothetical protein	477	28.155
1121	Z35719	Unknown cDNA EST EMBL:D67419 comes from this	487	40.574
İ		gene; cDNA EST EMBL:C13853 comes from this		
1100	1106131	gene; cDNA	0.55	
1122	U96131	Homo sapiens HPV16 El protein binding protein	937	70.270
1123	D87433	Homo sapiens KIAA0246	219	32.479
1124	AC005534	Homo sapiens supported by human ESTs AA412402	223	72.222

		(NTD - 2070000) NUMADON (NTD - 1100540)	г	
		(NID:g2070990) NH44021 (NID:g1182549), mouse		
1125	AF068748	EST AA065933 (NID:g1562789), and genscan Mus musculus sphingosine kinase	557	50.289
1125		Homo sapiens KIAAO857 protein	507	40.293
1127	AC007660		491	37.201
1127	M69183	Arabidopsis thaliana putative RNA helicase	284	51.923
1128	Moarga	Plasmodium falciparum mature-parasite-infected erythrocyte surface antigen	284	51.923
1129	AF114378	Mus musculus cypherl	219	44.144
1130	U88154	Homo sapiens proline and glutamic acid rich	145	40.000
1130	000134	nuclear protein isoform	143	40.000
1131	AF149093	Mus musculus zinc finger ZF-12	399	50.394
1132	Z68106	Caenorhabditis elegans F41E7.1	187	26.036
1133	Y17920	Drosophila melanogaster CALO protein	491	35.798
1134	Z98047	Homo sapiens dJ162H14.1 (FIBULIN 1 like	316	36.757
		protein)	010	
1135	U20217	Mus musculus fibrillin-2	1020	74.556
1136	AB010247	Mus musculus Ring3	196	34.286
1137	U13152	Mesocricetus auratus guanine nucleotide-binding	1165	82.096
		protein beta 5		
1138	Y14946	Homo sapiens SPIN protein	234	52.941
1139	D13309	Rattus sp. DNA binding protein B	208	41.026
1140	AB018348	Homo sapiens KIAA0805 protein	987	53.962
1141	AF019887	Mus musculus metalloprotease-disintegrin	1508	80.385
		meltrin beta		i
	AL031177	Homo sapiens dJ889M15.3 (novel protein)	434	32.800
	AF132209	Homo sapiens prepro-major basic protein homolog	358	54.000
1144	AF072372	Mus musculus lysosomal trafficking regulator 2	960	94.156
1145	AF181646	Drosophila melanogaster BcDNA.GH12326	279	36.429
1146	L05186	Homo sapiens focal adhesion kinase	219	74.419
1147	X03145	Homo sapiens pot. ORF II	233	52.874
1148	Y18890	Human endogenous retrovirus K pol protein	807	84.416
1149	X83413	Human herpesvirus 6 U88	314	51.852
1150	X05472	Rattus norvegicus ORF 3	194	46.053
1151 1152	U40342 D90713	Mus musculus ninein	1799	76.903
1152	D90713	Escherichia coli Hypothetical protein in hrsA 3'region .	727	96.639
1153	AE000464	Escherichia coli formate dehydrogenase-O, major	894	92.199
1133	AEUUU404	subunit	894	92.199
1154	D37918	Escherichia coli Reverse transcriptase like	427	85.714
1151	537510	protein	427	05.714
1155	D90719	Escherichia coli ORF ID:o207#4	843	90.000
1156	D90704	Escherichia coli Penicillin-binding protein 2	838	99.174
		(pbp-2).		
1157	AJ002735	Klebsiella oxytoca initiation factor IF2-alpha	1252	93.953
1158	AF083501	Macaca mulatta rhadinovirus 17577 latent	169	44.086
		nuclear antigen		
1159	AF043636	Plasmodium chabaudi circumsporozoite protein	237	63.830
1160	AF087573	Homo sapiens DNA fragmentation factor DFF35	369	61.017
1161	AL034352	Schizosaccharomyces pombe putative	391	31.746
		phophodiesterase-nucleotide pyrophosp hatase		
1		precursor		
	Y17793	Mus musculus Duttl protein	1969	61.075
1163	X03557	Homo sapiens 56-KDa protein (aa 1-478)	1225	62.581
1164	U41662	Rattus norvegicus neuroligin 2	1931	98.662
1165	AB026190	Homo sapiens Kelch motif containing protein	275	46.789
1166	AL021481	Unknown similar to Phosphoglucomutase and	719	43.494
		phosphomannomutase phosphoserine; cDNA EST EMBL:D36168		
1167	AF079974	Mus musculus Rac GTPase-activating protein	307	53.333
1101	AEU13314	mus musculus had dirase-activating protein	_30/	1 33.333

1168	U79716	Homo sapiens Human Reelin	745	84.034
1169	AC008075	Arabidopsis thaliana F24J5.4	167	35.000
1170	X13916	Homo sapiens LDL-receptor related precursor (AA -19 to 4525)	766	87.603
1171	X75296	Homo sapiens TUP1 like enhancer of SPLIT gene 1	256	59.016
1172	U70935	Peromyscus maniculatus reverse transcriptase	163	29.371
1173	U22961	Homo sapiens similar to human albumin, Swiss-	543	73.043
		Prot Accession Number P02768; Method: conceptual translation supplied by author		
1174	AB020629	Homo sapiens KIAA0822 protein	508	71.698
1175	D50927	Homo sapiens The KIAA0137 gene product is related to Arabidopsis thaliana protein kinase (TOUSLED).	390	93.846
1176	AF111423	Xenopus laevis chromosome condensation protein XCAP-G	177	57.447
1177	AB023188	Homo sapiens KIAA0971 protein	362	79.452
1178	Z70200	Homo sapiens U5 snRNP-specific 200kD protein	232	51.899
1179	S61070	<pre>Homo sapiens reverse transcriptase homolog=pol {retroviral element}</pre>	453	75.758
1180	AF046001	Homo sapiens zinc finger transcription factor	187	59.016
1181	AB028981	Homo sapiens KIAA1058 protein	480	64.078
1182	X01455	Reticuloendotheliosis virus C end of pol protein (reverse transcriptase)	237	34.314
1183	L13391	Homo sapiens helix-loop-helix phosphoprotein	482	70.940
1184	AB011152	Homo sapiens KIAA0580 protein	185	74.359
1185	AC006233	Arabidopsis thaliana hypothetical protein	175	41.111
1186	X62681	Gallus gallus limb deformity protein	408	57.377
1187	Z14093	Homo sapiens branched chain decarboxylase alpha subunit	739	85.106
1188	X97999	Homo sapiens transcription factor IID	203	37.008
1189	M85168	Homo sapiens glycogen debranching enzyme	251	57.447
1190	X90569	Homo sapiens elastic titin	365	75.610
1191	U80736	Homo sapiens CAGF9	743	90.323
1192	U35376	Homo sapiens repressor transcriptional factor	678	74.590
1193	U90215	Rattus norvegicus polysialyltransferase	225	59.155
1194	AB011169	Homo sapiens KIAA0597 protein	211	96.429
1195	U48736	Homo sapiens serine/threonine-protein kinase PRP4h	269	71.667
1196	AF026169	Homo sapiens SALF	245	82.500
1197	U93570	Homo sapiens p40	173	37.895
1198	X13621	Homo sapiens HNP-3 defensin (AA 1- 94)	205	71.795
1199	U51432	Homo sapiens nuclear protein Skip	280	77.193
1200	AL050037	Homo sapiens hypothetical protein	355	56.731
1201	AF076783	Rattus norvegicus plasma membrane Ca2+ ATPase isoform 1kb	312	73.134
1202	AF085691	Homo sapiens multidrug resistance-associated protein 3A	626	39.858
1203	AF069603	Homo sapiens myosin light chain kinase isoform 3B	228	70.455
1204	AB007945	Homo sapiens KIAA0476 protein	529	46.269
1205	AF083037	Homo sapiens A-kinase anchoring protein AKAP350	292	96.000
1206	X01469	Plasmodium lophurae histidine-rich protein	214	45.283
1207	AF145705	Mus musculus T2K protein kinase homolog	841	77.381
1208	X78933	Homo sapiens zinc finger protein	407	57.732
1209	AF042169	Homo sapiens putative ATP-dependent mitochondrial RNA helicase	420	65.421
1210	X06596	Homo sapiens complement protein Cls precursor	318	58.065
1211	D38595	Homo sapiens inter-alpha-trypsin inhibitor	406	65.909
		family heavy chain-related protein (IHRP)		

1212	L16558	Homo sapiens ribosomal protein L7	318	81.967
1213	279757	Unknown Similarity to Candida CDC4 gene	35	42.857
		(TR:E234056); cDNA EST EMBL:D27699 comes from		
		this gene; cD		
1214	U42580	Paramecium bursaria Chlorella virus 1 Pro-,	174	29.661
		Lys-rich, PAPK (30x); similar to wheat Pro-,		
		Lys-rich protein, GenBank Accession Number		
	•	X52472		
1215	U93570	Homo sapiens putative p150	145	37.778
1216	D50487	Homo sapiens RNA helicase (HRH1)	331	58.416
1217	M20471	Homo sapiens clathrin light-chain a	292	88.679
1218	AF049910	Homo sapiens TACC1	392	85.333
1219	D80009	Homo sapiens KIAA0187		77.174
	1		443	
1220	Z26653	Homo sapiens laminin M chain (merosin)	351	79.167
1221	M96264	Homo sapiens galactose-1-phosphate uridyl	252	58.333
		transferase		
1222	AL050373	Homo sapiens hypothetical protein	194	73.333
1223	A69020	unidentified PROTEASE	485	41.808
1224	V00488	Homo sapiens alpha globin	466	69.725
1225	AL008723	Homo sapiens dJ90G24.4 (SAAT1 (low affinity	152	41.429
		sodium glucose cotransporter (sodium:solute		
		symporter family)))		
1226	AL110218	Homo sapiens hypothetical protein	287	92.000
1227	U02032	Homo sapiens ribosomal protein L23a	291	56.977
1228	M13100	Rattus norvegicus unknown protein	196	35.345
1229	M12140	Homo sapiens envelope protein	567	46.067
1230	D30648	Homo sapiens flavoprotein subunit of complex II	440	64.286
1231	AB020629	Homo sapiens KIAA0822 protein	125	46.667
1232	M69297	Homo sapiens ORF 3	163	33.333
1233	M62419	Mus musculus clathrin-associated protein	214	52.308
1234	A15293	Homo sapiens Mature HSA	473	73.267
1235	U83908		1.	70.588
1235		Homo sapiens nuclear antigen H731	307	
	L28010	Homo sapiens HnRNP F protein	283	85.714
1237	X53414	Homo sapiens L- alanine:glyoxylate aminotransferase	244	77.778
1238	U83115	Homo sapiens non-lens beta gamma-crystallin	341	46.552
		like protein		10.002
1239	M19938	Homo sapiens fructose-6-phosphate, 2-kinase:	185	60.417
1203		fructose-2, 6-bisphosphatasse	103	00.417
1240	X84157	Homo sapiens subunit of the dimeric cap binding	405	70.652
1210	NO 113 /	complex CBC	1 403	70.032
1241	AB029008	Homo sapiens KIAA1085 protein	331	59.223
1242	X01677	Homo sapiens glyceraldehyde-3-phosphate		
1646	VOIOII	dehydrogenase	467	72.549
1243	U09367	Homo sapiens zinc finger protein ZNF136	167	52 500
1243	AC006128		467	52.500
1244	ACOUOTZ0	Homo sapiens Human homolog of Mus musculus wizs	559	70.732
1045	V15005	protein		50 505
1245	X15005	Homo sapiens pot. lamimin-binding protein (AA 1	570	68.595
1046	963654	- 300)		
1246	S63654	Mus sp. type VII collagen	278	50.000
1247	M10905	Homo sapiens fibronectin	172	36.264
1248	D13635	Homo sapiens KIAA0010	566	79.279
1249	AB028948	Homo sapiens KIAA1025 protein	553	75.221
1250	D45131	Homo sapiens basigin	471	65.741
1251	AF015308	Homo sapiens nucleolar protein	311	68.354
1252	AL049557	Homo sapiens dJ773A18.2 (PROBABLE ATP-DEPENDENT	456	58.333
		RNA HELICASE P47 HOMOLOG)	1	
1253	U88629	Homo sapiens RNA polymerase II elongation	171	93.103
		factor ELL2	_	
	<u> </u>	<u> </u>		

	,			
1254	AF098788	Gallus gallus nuclear calmodulin-binding	1980	64.389
		protein		
1255	AF077207	Homo sapiens HSPC021	279	51.456
1256	M13100	Rattus norvegicus unknown protein	441	56.250
1257	U93568	Homo sapiens putative p150	206	36.000
1258	AB014571	Homo sapiens KIAA0671 protein	861	58.009
1259	D16815	Homo sapiens EAR-1r	172	70.968
1260	AF167320	Mus musculus zinc finger protein ZFP113	640	66.923
1261	Z95334	Schizosaccharomyces pombe hypothetical protein	267	60.976
1262	X01455	Reticuloendotheliosis virus C end of pol	217	36.364
		protein (reverse transcriptase)		
1263		Leishmania major proteophosphoglycan	232	32.468
1264	D63481	Homo sapiens The KIAA0147 gene product is	1027	57.597
		related to adenylyl cyclase.		
1265	U41559	Caenorhabditis elegans No definition line found	223	26.606
1266	U76846	Arabidopsis thaliana ubiquitin-specific	217	30.108
		protease		_
1267	D63481	Homo sapiens The KIAA0147 gene product is	1027	57.597
		related to adenylyl cyclase.		
1268	X52235	Homo sapiens ORFII	243	60.870
1269	AF019082	Borrelia burgdorferi virulent strain associated	261	29.150
		lipoprotein		
1270	U49379	Homo sapiens diacylglycerol kinase epsilon DGK	159	83.333
1271	AC007228	Homo sapiens BC37295 2 (partial)	598	37.037
1272	AF091090	Homo sapiens unknown	200	93.333
1273	X69490	Homo sapiens titin	2362	98.939
1274	Y12713	Mus musculus Pro-Pol-dUTPase polyprotein	528	71.560
1275	AF078933	Homo sapiens WAIT-1	403	87.879
1276	Y16241	Homo sapiens nebulette	2397	65.306
1277	AB018348	Homo sapiens KIAA0805 protein	327	51.042
1278	AJ242979	Homo sapiens KIAA0461/245 protein	592	61.202
1279	D89660	Rattus norvegicus peroxisome assembly factor-2	257	83.333
1280	U67056	Acanthamoeba castellanii myosin I heavy chain	203	29.289
		kinase		
1281	AF072810	Homo sapiens transcription factor WSTF	380	84.000
1282	AB014607	Homo sapiens KIAA0707 protein	608	41.564
1283	AF052831	Trypanosoma cruzi unknown	134	36.111
1284	AC003038	Homo sapiens R30923 1	575	72.993
1285	D25215	Homo sapiens KIAA0032	214	33.010
1286	AF108843	Homo sapiens env protein	496	52.229
1287	AJ243460	Leishmania major proteophosphoglycan	184	29.851
1288	U89439	Bos taurus ubiquitin-like protein	46	25.641
1289	AL049759	Homo sapiens dJ930L11.1 (similar to KIAA0397)	286	84.615
1290	X99211	Drosophila melanogaster ubiquitin-specific	589	39.373
		protease		
1291	X53556	Bos taurus type X collagen	252	30.534
1292	AC002333	Arabidopsis thaliana SF16 isolog	180	32.192
1293	Y17832	Human endogenous retrovirus K pol protein	213	45.000
1294	AF071081	Mycobacterium tuberculosis proline-rich mucin	192	35.766
1005	870756	homolog	100	1.5
1295	Z79752	Homo sapiens predicted using Genefinder;	188	45.205
		Similarity to Human RNA helicase		
1200	600000	(SW: P68_HUMAN); cDNA_EST_EMBL:	L	54 305
1296	Z22968	Homo sapiens M130 antigen	929	54.386
1297	AB007862	Homo sapiens KIAA0402	1117	82.126
1298	AB006755	Homo sapiens PCDH7 (BH-Pcdh)a	434	37.611
1299	AF180920	Homo sapiens cyclin ania-6a	295	29.500
1300	AF003385	Caenorhabditis elegans No definition line found	1156	37.434
1301	AL035311	Unknown 1-evidence=predicted by content; 1-	484	36.564

		method=genefinder;084; 1-evidence_end; 2-		
		evidence=pred		
1302	M92040	Strongylocentrotus purpuratus alpha-1 collagen	166	31.319
1303	AF003535	Homo sapiens ORF2-like protein	256	40.777
1304	L31840	Rattus norvegicus nuclear pore complex protein NUP107	513	85.714
1305	U97553	murine herpesvirus 68 unknown	191	37.143
1306	X00318	Homo sapiens apoferritin H chain	570	73.276
1307	D30648	Homo sapiens flavoprotein subunit of complex II	677	88.496
1308	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	274	54.321
1309	U01317	Homo sapiens G-gamma globin	559	70.492
1310	D79996	Homo sapiens KIAA0174	220	81.395
1311	Y17267	Mus musculus ubiquitin-conjugating enzyme	322	57.143
1312	D63881	Homo sapiens KIAA0160 gene product is novel.	3156	99.161
1313	D42150	Gallus gallus chicken cadherin-7	906	84.146
1314	M12140	Homo sapiens envelope protein	397	47.794
1315	AF007270	Arabidopsis thaliana contains similarity to	86	23.864
	111007270	myosin heavy chain	00	23.004
1316	U66561	Homo sapiens kruppel-related zinc finger	1607	57.067
1310	555551	nome sapiens krupper-related zinc linger protein	100/	37.007
1317	AF081144	Rattus norvegicus CL1AA	277	58.537
1318	M25984	Gallus gallus alpha-2 type I collagen	180	31.169
1319	X66363	Homo sapiens serine/threonine protein kinase	427	59.259
1320	AL022603	Arabidopsis thaliana putative protein	219	43.590
1321	Y11145	Pacifastacus leniusculus masquerade-like	174	27.919
	111145	racitastacus feniusculus masquerade-like protein	1/4	27.919
1322	Y17833	Human endogenous retrovirus K pol protein	840	84.000
1323	Y17832	Human endogenous retrovirus K env protein	598	66.667
1324	Y12713	Mus musculus Pro-Pol-dUTPase polyprotein	748	49.770
1325	AJ004801	Bovine herpesvirus type 1.1 immediate-early transactivator protein with Zn finger (cell nucleus)	192	32.168
1326	X99753	Homo sapiens Arno protein (ARF exchange factor)	217	35.965
1327	M94065	Homo sapiens dihydroorotate dehydrogenase	409	72.917
1328	AF072758	Mus musculus fatty acid transport protein 3;	2164	80.653
		FATP3	2104	
1329	AJ006693	Homo sapiens ultra high sulfer keratin	182	28.155
1330	Y10256	Homo sapiens NIK, serine/threonine protein- kinase	74	22.989
1331	X79448	Homo sapiens type I	464	48.780
1332	AF071172	Homo sapiens HERC2	250	60.606
1333	U50193	Caenorhabditis elegans weak similarity to SP:YAD5 CLOAB (P33746) hypothetical protein and to PIR:C48583 stress-inducible protein STI1	640	31.579
1334	AB012223	Canis familiaris ORF2	228	37.963
1335		Homo sapiens spindlin	1009	93.168
1336		Homo sapiens serine/threonine protein kinase	718	37.353
1337	AF016507	Homo sapiens C-terminal binding protein 2	786	83.916
1338	L15309	Homo sapiens zinc finger protein	574	74.138
1339	AB024075	Homo sapiens B120	906	47.826
1340	M12140	Homo sapiens envelope protein	508	54.615
1341	U09413	Homo sapiens zinc finger protein ZNF135	1034	60.090
1342	AF074086	Homo sapiens envelope	699	71.533
1343	M11902	Mus musculus proline-rich salivary protein	221	33.582
1344	D50464	Mus musculus SDR2	263	28.636
1345	X57527	Homo sapiens alpha 1(VIII) collagen	201	33.125
1346	AC004890	Homo sapiens similar to zinc finger proteins;	240	30.405
1347	L04159	similar to AAC01956 (PID:g2843171)		
1241	104173	Plasmodium falciparum 3' end., gene product	151	24.519

	T = 00.00 + 0		T 001	100 651
1348	AL096846	Schizosaccharomyces pombe similar to yeast DEC1	281	22.651
		mitochondrial inheritance and actin		
		cytoskeleton organisation protein		
	AC002389	Homo sapiens GAPDH-2 like	262	47.525
1350		Homo sapiens R31665_2	160	43.284
1351	M63595	Xenopus laevis alpha-1 type II collagen	238	27.397
1352	AL035472	Mycobacterium leprae putative protein synthesis	172	35.780
•		initiation factor 2		
1353	M25984	Gallus gallus alpha-2 type I collagen	180	31.169
1354	AL049759	Homo sapiens dJ930L11.1 (similar to KIAA0397)	813	66.509
1355	Z24725	Homo sapiens mitogen inducible gene mig-2	1952	91.437
1356	M11052	Mus musculus envelope polyprotein precursor	176	34.375
1357	AF132180	Drosophila melanogaster unknown	338	31.792
1358	D31883	Homo sapiens similar to an actin bundling	399	54.074
1000	501000	protein, dematn.	000	01.071
1359	AL117200	Caenorhabditis elegans predicted using	208	37.719
1333	111117200	Genefinder; preliminary prediction	2.00	37.713
1360	AF146040	Cavia porcellus endothelial nitric oxide	185	30.986
1300	WE 140040	synthase	105] 30.900
1361	AC002310	1 •	630	52.151
		Homo sapiens Unknown gene product		
1362	M64791	Rattus norvegicus salivary proline-rich protein	201	32.308
1363	AL021747	Schizosaccharomyces pombe hypothetical protein	205	55.172
1364	X53581	Rattus norvegicus ORF2	165	49.123
1365	Y08715	Mus musculus vascular cadherin-2	1317	78.599
1366	U83115	Homo sapiens non-lens beta gamma-crystallin	244	82.927
		like protein		
1367	U83590	Rattus norvegicus PAR interacting protein	1542	68.421
1368	U12390	Cloning vector pSport1 beta-galactosidase alpha	176	44.928
		peptide		
1369	U01351	Homo sapiens glucocorticoid receptor alpha-2	758	93.443
1370	X51591	Homo sapiens beta-myosin heavy chain (1151 AA)	286	53.271
1371	AF009668	multiple sclerosis associated retrovirus	393	47.143
		polyprotein		
1372	AB002348	Homo sapiens KIAA0350	2009	84.896
1373	M30023	orf virus ORF2	167	35.252
1374	AL021918	Homo sapiens b34I8.1 (Kruppel related Zinc	1474	57.100
		Finger protein 184)		
1375	Z49651	Saccharomyces cerevisiae ORF YJR151c	168	27.363
1376		Homo sapiens APXL	266	42.991
1377	AB015440	Rana catesbeiana alpha 1 type I collagen	320	29.470
1378		Rattus norvegicus sodium/calcium/potassium	191	33.113
	111 1 / 0000	exchanger NCKX1		55.115
1379	Y15635	Homo sapiens ABCR	200	42.391
	X75926	Mus musculus abcl	2263	55.857
1380				
1,201	V01555	Human herpesvirus 4 BYRF1, encodes EBNA-2	181	31.707
1300	A DO 1 5 4 5 4	(Dambaugh et al, 1984; Dillner et al, 1984)	612	E1 405
1382	AF015454	Xenopus laevis ER1	613	51.485
1383	X16468	Homo sapiens prepropeptide (AA 1-1418)	200	29.911
1384	D80004	Homo sapiens KIAA0182	640	90.000
1385	M11902	Mus musculus proline-rich salivary protein	199	33.793
1386	D86969	Homo sapiens similar to Human zinc-finger	1479	68.403
<u> </u>		protein, BR140(P1:JC2069)		
1387	AL033534	Schizosaccharomyces pombe serine-rich protein	176	30.061
1388	AF167320	Mus musculus zinc finger protein ZFP113	789	55.140
1389	Z68335	Caenorhabditis elegans predicted using	157	35.514
		Genefinder; similar to collagen; cDNA EST		
		EMBL: D68967 comes from this gene; cDNA EST		
		EMBL: D69298 comes from this gene; cDNA EST]	
		EMBL: D69331 comes from this gene; cDNA EST		
	•	· · · · · · · · · · · · · · · · · ·		

	1	EMBL: D70368 comes from this gene	1	
1390	Z69361	Caenorhabditis elegans Weak similarity to	199	40.000
1390	209301	Eimeria thrombospondin (PIR Acc. No. A45517);	199	40.000
		cDNA EST EMBL: M89266 comes from this gene; cDNA		
!		EST yk295b9.5 comes from this gene	}	
1391	AC005396	Arabidopsis thaliana putative proline-rich cell	197	38.793
1331	110003330	wall protein	101	30.733
1392	S79410	Mus sp. nuclear localization signals (NLS)-	184	48.077
1332	0,3120	binding protein=spot-1	101	10.077
1393	M57551	Pseudomonas aeruginosa transcription regulatory	156	37.000
1000	1.0 / 00 1	protein	= 0	37.000
1394	AF016687	Caenorhabditis elegans Similar to cuticular	181	35.652
		collagen; coded for by C. elegans cDNA yk69e4.5		
1395	M83822	Homo sapiens beige-like protein	413	82.192
1396	AF085185	Acanthamoeba castellanii Myosin-IA	226	42.400
1397	U87318	Xenopus laevis NaDC-2	1500	56.041
1398	Y15491	Pongo pygmaeus fertilin alpha protein	973	94.161
1399	AB002321	Homo sapiens KIAA0323	2351	99.403
1400	X75926	Mus musculus abcl	2263	55.857
1401	M18247	Feline leukemia virus gag-pol precursor	259	36.792
		polyprotein gPr80		
1402	Z97340	Arabidopsis thaliana extensin like protein	144	39.344
1403	Y12713	Mus musculus Pro-Pol-dUTPase polyprotein	184	46.377
1404	S80119	Rattus sp. reverse transcriptase homolog	379	53.608
1405	AF071172	Homo sapiens HERC2	299	88.636
1406		Homo sapiens Scar2	190	31.967
1407		Cricetulus griseus type VII collagen	164	33.333
1408	AF032872	Rattus norvegicus potassium channel regulatory	229	84.091
		protein KChAP		
1409	M37759	Mus musculus serine 1 ultra high sulfur protein	284	40.336
1410	S74439	Bombyx mori=silkworms, Peptide Partial, 633 aa	426	40.314
		silk fibroin heavy chain {C-terminal}		
1411	D80009	Homo sapiens KIAA0187	323	57.944
1412	M12140	Homo sapiens envelope protein	316	71.186
1413	M13100	Rattus norvegicus unknown protein	263	64.516
1414	AF116463	Streptomyces lincolnensis unknown	219	33.173
1415	U00039	Escherichia coli No definition line found	796	97.561
1416	AB017614	Mus musculus OASIS protein	1919	92.652
1417	AF042379	Homo sapiens spindle pole body protein spc97	180	25.532
		homolog GCP2		
1418	D87459	Homo sapiens Similar to Volbox carteri extensin	204	35.766
		(S22697)		
1419	U33834	Homo sapiens helicase	350	52.713
1420	AB007871	Homo sapiens KIAA0411	668	60.938
1421	Z48149	Saccharomyces cerevisiae similarity with H.	169	32.432
		polymorpha hypothetical protein in LEU2 region		
1422	K03207	Homo sapiens salivary proline-rich protein	177	33.077
		precursor		1
1423	AC002563	Homo sapiens putative RHO/RAC effector protein;	5501	99.166
		95% similarity to P49205 (PID:g1345860)		
	AJ004832	Homo sapiens neuropathy target esterase	1205	79.762
	X64346	Saimiriine herpesvirus 2 ORF 73; ECLF1	221	29.070
1426	Y08986	Brassica napus oleosin-like protein	190	36.842
1427	м99063	Homo sapiens cytokeratin 2	372	54.348
1428	AF099976	Mus musculus schlafen4	710	47.012
1429	D13636	Homo sapiens KIAA0011	374	41.579
1430	AJ245569	Mus musculus hypothetical protein	249	67.273
1 4 3 1			1 4 4	21 204
1431	AF139744	Streptococcus pyogenes serum opacity factor precursor	144	31.304

1432	D70831	Homo sapiens Zinc-finger protein	710	59.016
1433	X52235	Homo sapiens ORFII	197	42.667
1433	AF042379	Homo sapiens spindle pole body protein spc97	534	82.569
1434	AF 042379	homolog GCP2	1 334	02.309
1435	AL049608	Arabidopsis thaliana extensin-like protein	160	37.662
1436	AB014514	Homo sapiens KIAA0614 protein	347	73.973
1437	AF043944	Mytilus edulis nongradient byssal precursor	223	31.092
1437	U44898	Homo sapiens SNAP45 subunit	301	54.237
1439	X89383	Rattus norvegicus SNF1-related kinase	308	73.684
1440	AF097183	Cryptosporidium parvum unknown	238	33.735
1440	AF055904	Myxococcus xanthus unknown	225	29.082
	X53581		200	40.506
1442	AF043297	Rattus norvegicus ORF1 Chlamydomonas reinhardtii poly(A) binding	192	32.484
		protein RB47		
1444	D29766	Rattus norvegicus Crk-associated substrate, p130	1853	86.420
1445	M27878	Homo sapiens DNA binding protein	734	74.265
1446	AF057557	Homo sapiens anti-Fas-induced apoptosis	196	63.462
1447	AJ133125	Mus musculus immunity assocated protein 38	315	48.387
1448	U64608	Caenorhabditis elegans coded for by C. elegans	334	34.706
		cDNA yk173c12.5		
1449	AF053356	Homo sapiens leucin rich neuronal protein	886	90.972
1450	AB014584	Homo sapiens KIAA0684 protein	209	77.083
1451	AB018293	Homo sapiens KIAA0750 protein	1090	50.146
1452	Z78064	Caenorhabditis elegans predicted using	151	31.544
1402	2,0004	Genefinder; similar to collagen; cDNA EST	131	31.344
		EMBL: D69730 comes from this gene		
1453	U12134	Homo sapiens RAD52	223	69.091
1454	U07973	Gallus gallus alpha-1 collagen type III	134	30.597
1455	AL080141	Homo sapiens hypothetical protein	1117	67.293
1456	AL031323	Schizosaccharomyces pombe putative	162	28.571
1130	1111031323	transcription or splicing factor	102	20.371
1457	U43585	Mus musculus protein kinase related to Raf	280	57.143
110,	013303	protein kinases; Method: conceptual translation	200	37.113
		supplied by author		
1458	AB029335	Halocynthia roretzi HrPET-3	238	32.738
1459	U82982	Cavia porcellus GEC-3	227	38.679
1460	Z19574	Homo sapiens cytokeratin 17	178	61.364
1461	AB014521	Homo sapiens KIAA0621 protein	936	64.390
1462	AJ131526	Mus musculus TEF-5	156	68.293
1463	AB022927	Oryctolagus cuniculus hyperpolarization	186	31.280
1.00	110022321	activated cation channel	100	31.200
1464	U64608	Caenorhabditis elegans coded for by C. elegans cDNA yk173c12.5	334	34.706
1465	X70944	Homo sapiens PTB-associated splicing factor	231	30.366
1465	AJ243460		221	33.173
1466	U81788	Leishmania major proteophosphoglycan Drosophila melanogaster kinesin-73	257	61.538
1467	U14635	Caenorhabditis elegans similar to GABA and	681	34.925
		glycine receptors		
1469	M24355	Homo sapiens filaggrin	518	34.014
1470	M12140	Homo sapiens envelope protein	497	50.345_
1471	X97675	Homo sapiens plakophilin 2b	186	77.778
1472	AC004893	Homo sapiens similar to NEDD-4 (KIA0093); similar to P46934 (PID:g1171682)	211	54.688
1473	U42471	Mus musculus Wiscott-Aldrich Syndrome protein	226	39.669
		homolog	•	
1474	AF001305	Pneumocystis carinii f. sp. carinii protease 1	195	27.485
1475	X75931	Bos taurus Cleavage and Polyadenylation	2445	98.660
0		specificity factor (CPSF) 100kD subunit		

1476	AF084521	Homo sapiens brefeldin A-inhibited guanine	1552	94.286
1.488		nucleotide-exchange protein 2	175	1
1477	X83413	Human herpesvirus 6 U88	175	41.509
1478	AF164612	Homo sapiens envelope protein	334	41.221
1479	AF115435	Rattus norvegicus syntaxin 17	234	62.338
1480	AC002563	Homo sapiens putative RHO/RAC effector protein; 95% similarity to P49205 (PID:g1345860)	5501	99.166
1481	D13644	Homo sapiens protein related N-ternimus of tre oncogene	238	84.444
1482	AF009243	Homo sapiens proline-rich Gla protein 2	333	94.118
1483	D25538	Homo sapiens KIAA0037	387	76.389
1484	Y17137	Mus musculus mCASK-A	237	79.167
1485	AE000789	Borrelia burgdorferi B. burgdorferi predicted coding region BBI16	218	29.885
1486	AF146531	Homo sapiens bridging integrator-2	175	64.286
1487	AB023161	Homo sapiens KIAA0944 protein	566	56.954
1488	AB018288	Homo sapiens KIAA0745 protein	524	39.837
1489	AL021929	Mycobacterium tuberculosis PPE	193	37.500
1490	AB028998	Homo sapiens KIAA1075 protein	386	57.692
1491	AF124435	Danio rerio p55-related MAGUK protein DLG3	776	82.482
1492	X65546	Mycobacterium leprae proline-rich antigen	145	44.186
1493	AB023178	Homo sapiens KIAA0961 protein	1615	79.061
1494	Z46791	Caenorhabditis elegans similar to collagen	188	35.849
1495	AF085185	Acanthamoeba castellanii Myosin-IA	205	35.811
1496	J05499	Rattus norvegicus L-glutamine amidohydrolase	1327	79.259
1497	AL021492	Unknown similar to Glycosyl transferases; cDNA EST EMBL:D33950 comes from this gene; cDNA EST EMB	246	33.143
1498	U27459	Homo sapiens hORC2L	213	60.000
1499	U50078	Homo sapiens p532	333	88.679
1500	AE000351	Escherichia coli orf, hypothetical protein	899	98.473
1501	X69089	Homo sapiens 165kD protein	374	62.766
1502	L19201	Escherichia coli glutamine synthetase	1255	93.564
1503	D90846	Escherichia coli Acriflavin resistance protein	1619	96.617
		F (EnvD protein).		
1504	AE000248	Escherichia coli persistence to inhibition of murein or DNA biosynthesis, DNA-binding regulator	1335	94.340
1505	D90730	Escherichia coli MukB protein	1416	94.515
1506	D90709	Escherichia coli YhhI protein	784	90.152
1507	X69089	Homo sapiens 165kD protein	196	70.455
1508	AB004659	Acidiphilium multivorum ArsB	621	80.488
1509	X73143	Escherichia coli NikA	885	95.620
1510	L10328	Escherichia coli f772	641 .	90.909
1511	D90731	Escherichia coli Asparaginyl-tRNA synthetase (EC 6.1.1.22) (asparagine-tRNA ligase) (asnRS).	485	94.872
1512	X57560	Escherichia coli pspB protein	294	86.000
1513	D90716	Escherichia coli Hypothetical 54.3 kd protein in lpd-3 5'region (orf2).	716	94.737
1514	D90748	Escherichia coli Virulence membrane protein phoQ.	844	90.789
1515	X16531	Escherichia coli oxyR gene product 34kD protein (AA 1-305)	853	91.096
1516	AB011180	Homo sapiens KIAA0608 protein	560	63.566
1517	AB012725	Mus musculus zinc finger protein	943	91.447
1518	AB018274	Homo sapiens KIAA0731 protein	527	.67.500
1519	AL035632	<pre>Unknown /prediction=(method:""genefinder"", version:""084"", score:""113.36"");</pre>	573	59.028

1520 11518 Nono sapiens histidy-tRNA synthetase 152 100.000		1	/prediction=(meth	Ī	
1852 196350 Sus scrofa E-selectin 187 30.382	1520	711518		2152	100.000
1522 AF007170 Homo sapiens unknown 154 85.711					
1523 AF160798 Rattus norvegicus calcium transporter CaTI			1		
1524 D63478 Homo sapiens The KIAA0144 gene product is novel. 1525 AJ133120 Rattus norvegicus Proline rich synapse associated protein 2 1526 A58331 Homo sapiens unnamed protein product 831 99.115 1527 U39060 Mus musculus glucocriticoid receptor 219 84.091 1528 U71273 Sus scrofa glucosidase II 704 60.667 1529 Y00826 Rattus norvegicus densin-180 558 84.444 1530 U66707 Rattus norvegicus densin-180 558 60.432 1531 M18907 Homo sapiens nifedipine exidase 654 81.967 1532 AB020716 Homo sapiens KIAA0909 protein 318 89.583 AF156856 Mus musculus cytosolic salic acid 9-0- acetylesterase 160674 Homo sapiens KIAA0909 protein 318 89.583 34.345					
		1			
associated protein 2			novel.		
associated protein 2	1525	AJ133120	Rattus norvegicus Proline rich synapse	606	80.189
1527 U39060					
Interacting protein 1 704 60.667				<u> </u>	
1528 U71273 Sus scrofa glucosidase II 704 60.667 1529 Y00826 Rattus norvegicus gp210 (AR 1-1886) 258 84.444 1530 U66707 Rattus norvegicus densin-180 558 60.432 1531 M18907 Homo sapiens nifedipine oxidase 654 81.967 1532 AB020716 Homo sapiens KIAA0909 protein 318 89.583 1533 AF156856 Mus musculus cytosolic sialic acid 9-0-	1527	U39060		219	84.091
1529 Y00826 Rattus norvegicus gp210 (AR 1-1886) 258 84.444 1530 U66707 Rattus norvegicus densin-180 558 60.432 1531 Mi8907 Homo sapiens nifedipine oxidase 654 81.967 1532 AB020716 Homo sapiens KIAA0909 protein 318 89.583 1533 AF156856 Mus musculus cytosolic sialic acid 9-0- 268 72.917 1534 U86074 Homo sapiens tesmin 662 76.577 1535 Z19550 Homo sapiens DKF2p434G153 271 36.522 1536 AL096749 Homo sapiens DKF2p434G153 271 36.522 1537 AF156529 Mus musculus Msx2 interacting nuclear target 179 100.000 1538 AB009024 Homo sapiens capping enzyme 1B 157 100.000 1539 U3019 Caenorhabditis elegans No definition line found 426 56.731 1540 AB002370 Homo sapiens KIAA0372 263 97.436 1541 U39940 Sinorhizobium meliloti choline sulfatase 254 35.417 1542 D78572 Mus musculus membrane glycoprotein 747 65.000 1543 M63180 Homo sapiens threonyl-tRNA synthetase 174 42.500 1544 Z68011 Unknown Similarity to Xenopus F-spondin precursor (PIR Acc. No. A47723); cDNA EST EMBL:D33135 comes 280.000 280.0					
1530 U66707 Rattus norvegicus densin-180 558 50.432 M18907 Homo sapiens nifedipine oxidase 654 81.967 1532 AB020716 Homo sapiens KIAA0909 protein 318 89.583 1533 AF156856 Mus musculus cytosolic sialic acid 9-0- 268 72.917 acetylesterase					
1531 M18907					
1532 AB020716 Homo sapiens KIAA0909 protein 318 89.583 1533 AF156856 Mus musculus cytosolic sialic acid 9-0-					
1533		1			
1534 U86074 Homo sapiens tesmin 1535 219550 Homo sapiens N-acetylplactosaminide beta-1,6-N- 339 52.128 339 52.128 525.128 339 52.128 339 52.128 339 52.128 339 52.128 339 52.128 339 52.128 339 339 52.128 339 339 52.128 339 339 52.128 339 339 339 32.128 339	1533	AF156856		268	72.917
1535 Z19550	1.50				
Second S					
1536	1535	219550		339	52.128
1537	1526	27.006740		071	26 500
1538	1537	AF156529		1/9	100.000
1539 Ul3019	1520	AB000034		157	100 000
1540		1		1 .	
1541 U39940				1	
1542 D78572 Mus musculus membrane glycoprotein 747 65.000 1543 M63180 Homo sapiens threonyl-tRNA synthetase 174 42.500 1544 Z68011 Unknown Similarity to Xenopus F-spondin precursor (PIR Acc. No. A47723); cDNA EST EMBL:D33135 comes 191 33.708 1545 U37373 Xenopus laevis up-regulated by thyroid hormone in tadpoles; expressed specifically in the tail and only at metamorphosis; membrane bound or extracellular protein; C-terminal basic region 176 83.333 1546 AL096768 Homo sapiens dJ858B16.1.2 (KIAA0542 (isoform 2) 20 20 20 20 20 1547 AF022962 Mus musculus Sec8 194 93.939 1548 Z81467 Caenorhabditis elegans cDNA EST EMBL:D32693 510 52.632 1549 AF023261 Human endogenous retrovirus K pol-env 412 54.167 1550 U59287 Gallus gallus paranemin 162 57.895 1551 AC002332 Arabidopsis thaliana putative NAD(P)-dependent cholesterol dehydrogenase 1552 Z68297 Unknown Similarity to Yeast TAT-binding homolog 7 (SW:TBP7_YEAST); cDNA EST EMBL:D37124 comes from from sapiens CGI-119 protein 323 84.375 1555 M97662 Rattus norvegicus beta-alanine synthase 255 80.000 1556 AF067226 Homo sapiens CGM-phosphodiesterase A4 205 55.172 1557 AB018274 Homo sapiens KIAAO731 protein 497 67.857 1558 D86566 Homo sapiens NOTCH4 307 100.000					
1543 M63180					
1544 Z68011					
precursor (PIR Acc. No. A47723); cDNA EST					
EMBL:D33135 comes	1544	200011	Draguages (DID Acc. No. 747722), aDNA ECT	191	33.708
1545 U37373					
in tadpoles; expressed specifically in the tail and only at metamorphosis; membrane bound or extracellular protein; C-terminal basic region 1546 AL096768 Homo sapiens dJ858B16.1.2 (KIAA0542 (isoform 2)) 1547 AF022962 Mus musculus Sec8 194 93.939 1548 Z81467 Caenorhabditis elegans cDNA EST EMBL:D32693 510 52.632 comes from this gene; cDNA EST EMBL:D35405 comes from this gene; cDNA EST yk307c10.5 comes from this gene from this gene; cDNA EST yk307c10.5 comes from this gene 1549 AF023261 Human endogenous retrovirus K pol-env 412 54.167 1550 U59287 Gallus gallus paranemin 162 57.895 1551 AC002332 Arabidopsis thaliana putative NAD(P)-dependent 303 39.412 cholesterol dehydrogenase 1552 Z68297 Unknown Similarity to Yeast TAT-binding homolog 7 (SW:TBP7 YEAST); cDNA EST EMBL:D37124 comes from 1554 AF151877 Homo sapiens CGT-119 protein 323 84.375 1555 M97662 Rattus norvegicus beta-alanine synthase 255 80.000 1556 AF067226 Homo sapiens cGMP phosphodiesterase A4 205 55.172 1557 AB018274 Homo sapiens KIAA0731 protein 497 67.857 1558 D86566 Homo sapiens KIAA0731 protein 497 67.857	15/15	1137373		397	Ω1 250
and only at metamorphosis; membrane bound or extracellular protein; C-terminal basic region 1546 AL096768 Homo sapiens dJ858B16.1.2 (KIAA0542 (isoform 2)) 1547 AF022962 Mus musculus Sec8 1548 Z81467 Caenorhabditis elegans cDNA EST EMBL:D32693 comes from this gene; cDNA EST EMBL:D35405 comes from this gene; cDNA EST yk307c10.5 comes from this gene 1549 AF023261 Human endogenous retrovirus K pol-env 412 54.167 1550 U59287 Gallus gallus paranemin 162 57.895 1551 AC002332 Arabidopsis thaliana putative NAD(P)-dependent cholesterol dehydrogenase 1552 Z68297 Unknown Similarity to Yeast TAT-binding homolog 7 (SW:TBP7_YEAST); cDNA EST EMBL:D37124 comes from 1555 AF064553 Mus musculus NSD1 protein 640 90.526 1554 AF151877 Homo sapiens CGI-119 protein 323 84.375 1555 AF067226 Homo sapiens CGMP phosphodiesterase A4 205 55.172 1557 AB018274 Homo sapiens KIAA0731 protein 497 67.857 1558 D86566 Homo sapiens NOTCH4 307 100.000	1343	057575		1 30 /	01.250
extracellular protein; C-terminal basic region 1546 AL096768 Homo sapiens dJ858B16.1.2 (KIAA0542 (isoform 2)) 2) 2 2 3 3 3 3 3 3 3 3					
1546 AL096768 Homo sapiens dJ858B16.1.2 (KIAA0542 (isoform 2)) 176 83.333 1547 AF022962 Mus musculus Sec8 194 93.939 1548 Z81467 Caenorhabditis elegans cDNA EST EMBL:D32693 comes from this gene; cDNA EST EMBL:D35405 comes from this gene; cDNA EST yk307c10.5 comes from this gene 52.632 1549 AF023261 Human endogenous retrovirus K pol-env 412 54.167 1550 U59287 Gallus gallus paranemin 162 57.895 1551 AC002332 Arabidopsis thaliana putative NAD(P)-dependent cholesterol dehydrogenase 303 39.412 1552 Z68297 Unknown Similarity to Yeast TAT-binding homolog 7 (SW:TBP7_YEAST); cDNA EST EMBL:D37124 comes from 259 34.375 1553 AF064553 Mus musculus NSD1 protein 640 90.526 1554 AF151877 Homo sapiens CGI-119 protein 323 84.375 1555 M97662 Rattus norvegicus beta-alanine synthase 255 80.000 1557 AB018274 Homo sapiens CGMP phosphodiesterase A4 205 55.172 1558 D86566 Homo sapiens NOTCH4 307 100.000					
2) 1547 AF022962 Mus musculus Sec8 194 93.939 1548 Z81467 Caenorhabditis elegans cDNA EST EMBL:D32693 510 52.632 comes from this gene; cDNA EST EMBL:D35405 comes from this gene cDNA EST yk307c10.5 comes from this gene 1549 AF023261 Human endogenous retrovirus K pol-env 412 54.167 1550 U59287 Gallus gallus paranemin 162 57.895 1551 AC002332 Arabidopsis thaliana putative NAD(P)-dependent 203 39.412 cholesterol dehydrogenase 259 34.375 7 (SW:TBP7_YEAST); cDNA EST EMBL:D37124 comes from 259 34.375 1555 AF064553 Mus musculus NSD1 protein 1554 AF151877 Homo sapiens CGI-119 protein 1555 M97662 Rattus norvegicus beta-alanine synthase 255 80.000 1556 AF067226 Homo sapiens CGMP phosphodiesterase A4 205 55.172 1557 AB018274 Homo sapiens KIAA0731 protein 497 67.857 1558 D86566 Homo sapiens NOTCH4 307 100.000	1546	AL096768		176	83.333
1547 AF022962 Mus musculus Sec8 194 93.939 1548 Z81467 Caenorhabditis elegans cDNA EST EMBL:D32693 comes from this gene; cDNA EST EMBL:D35405 comes from this gene; cDNA EST yk307c10.5 comes from this gene 52.632 1549 AF023261 Human endogenous retrovirus K pol-env 412 54.167 1550 U59287 Gallus gallus paranemin 162 57.895 1551 AC002332 Arabidopsis thaliana putative NAD(P)-dependent cholesterol dehydrogenase 303 39.412 1552 Z68297 Unknown Similarity to Yeast TAT-binding homolog 7 (SW:TBP7_YEAST); cDNA EST EMBL:D37124 comes from 259 34.375 1553 AF064553 Mus musculus NSD1 protein 640 90.526 1554 AF151877 Homo sapiens CGI-119 protein 323 84.375 1555 M97662 Rattus norvegicus beta-alanine synthase 255 80.000 1556 AF067226 Homo sapiens CGMP phosphodiesterase A4 205 55.172 1557 AB018274 Homo sapiens KIAA0731 protein 497 67.857 1558 D86566 Homo sapiens NOTCH4 307 100.000					
Table Tabl	1547	AF022962		194	93.939
Comes from this gene; cDNA EST EMBL:D35405 comes from this gene; cDNA EST yk307c10.5 comes from this gene					
Comes from this gene; cDNA EST yk307c10.5 comes from this gene	1				
1549 AF023261 Human endogenous retrovirus K pol-env 412 54.167 1550 U59287 Gallus gallus paranemin 162 57.895 1551 AC002332 Arabidopsis thaliana putative NAD(P)-dependent cholesterol dehydrogenase 303 39.412 1552 Z68297 Unknown Similarity to Yeast TAT-binding homolog 7 (SW:TBP7_YEAST); cDNA EST EMBL:D37124 comes from 259 34.375 1553 AF064553 Mus musculus NSD1 protein 640 90.526 1554 AF151877 Homo sapiens CGI-119 protein 323 84.375 1555 M97662 Rattus norvegicus beta-alanine synthase 255 80.000 1556 AF067226 Homo sapiens CGMP phosphodiesterase A4 205 55.172 1557 AB018274 Homo sapiens KIAA0731 protein 497 67.857 1558 D86566 Homo sapiens NOTCH4 307 100.000			comes from this gene; cDNA EST yk307c10.5 comes		
1550 U59287 Gallus gallus paranemin 162 57.895 1551 AC002332 Arabidopsis thaliana putative NAD(P)-dependent cholesterol dehydrogenase 303 39.412 1552 Z68297 Unknown Similarity to Yeast TAT-binding homolog 7 (SW:TBP7_YEAST); cDNA EST EMBL:D37124 comes from 259 34.375 1553 AF064553 Mus musculus NSD1 protein 640 90.526 1554 AF151877 Homo sapiens CGI-119 protein 323 84.375 1555 M97662 Rattus norvegicus beta-alanine synthase 255 80.000 1556 AF067226 Homo sapiens CGMP phosphodiesterase A4 205 55.172 1557 AB018274 Homo sapiens KIAA0731 protein 497 67.857 1558 D86566 Homo sapiens NOTCH4 307 100.000					
1551 AC002332 Arabidopsis thaliana putative NAD(P)-dependent cholesterol dehydrogenase 303 39.412 1552 Z68297 Unknown Similarity to Yeast TAT-binding homolog 7 (SW:TBP7_YEAST); cDNA EST EMBL:D37124 comes from 259 34.375 1553 AF064553 Mus musculus NSD1 protein 640 90.526 1554 AF151877 Homo sapiens CGI-119 protein 323 84.375 1555 M97662 Rattus norvegicus beta-alanine synthase 255 80.000 1556 AF067226 Homo sapiens CGMP phosphodiesterase A4 205 55.172 1557 AB018274 Homo sapiens KIAA0731 protein 497 67.857 1558 D86566 Homo sapiens NOTCH4 307 100.000	1549	AF023261	Human endogenous retrovirus K pol-env	412	54.167
cholesterol dehydrogenase 1552 Z68297 Unknown Similarity to Yeast TAT-binding homolog 7 (SW:TBP7_YEAST); cDNA EST EMBL:D37124 comes from 259 34.375 1553 AF064553 Mus musculus NSD1 protein 640 90.526 1554 AF151877 Homo sapiens CGI-119 protein 323 84.375 1555 M97662 Rattus norvegicus beta-alanine synthase 255 80.000 1556 AF067226 Homo sapiens CGMP phosphodiesterase A4 205 55.172 1557 AB018274 Homo sapiens KIAA0731 protein 497 67.857 1558 D86566 Homo sapiens NOTCH4 307 100.000	1550	U59287		162	57.895
1552 Z68297 Unknown Similarity to Yeast TAT-binding homolog 7 (SW:TBP7_YEAST); cDNA EST EMBL:D37124 comes from 259 34.375 1553 AF064553 Mus musculus NSD1 protein 640 90.526 1554 AF151877 Homo sapiens CGI-119 protein 323 84.375 1555 M97662 Rattus norvegicus beta-alanine synthase 255 80.000 1556 AF067226 Homo sapiens CGMP phosphodiesterase A4 205 55.172 1557 AB018274 Homo sapiens KIAA0731 protein 497 67.857 1558 D86566 Homo sapiens NOTCH4 307 100.000	1551	AC002332		303	39.412
7 (SW:TBP7_YEAST); cDNA EST EMBL:D37124 comes from 1553 AF064553 Mus musculus NSD1 protein 640 90.526 1554 AF151877 Homo sapiens CGI-119 protein 323 84.375 1555 M97662 Rattus norvegicus beta-alanine synthase 255 80.000 1556 AF067226 Homo sapiens CGMP phosphodiesterase A4 205 55.172 1557 AB018274 Homo sapiens KIAA0731 protein 497 67.857 1558 D86566 Homo sapiens NOTCH4 307 100.000					
from 640 90.526 1553 AF064553 Mus musculus NSD1 protein 640 90.526 1554 AF151877 Homo sapiens CGI-119 protein 323 84.375 1555 M97662 Rattus norvegicus beta-alanine synthase 255 80.000 1556 AF067226 Homo sapiens CGMP phosphodiesterase A4 205 55.172 1557 AB018274 Homo sapiens KIAA0731 protein 497 67.857 1558 D86566 Homo sapiens NOTCH4 307 100.000	1552	268297		259	34.375
1553 AF064553 Mus musculus NSD1 protein 640 90.526 1554 AF151877 Homo sapiens CGI-119 protein 323 84.375 1555 M97662 Rattus norvegicus beta-alanine synthase 255 80.000 1556 AF067226 Homo sapiens CGMP phosphodiesterase A4 205 55.172 1557 AB018274 Homo sapiens KIAA0731 protein 497 67.857 1558 D86566 Homo sapiens NOTCH4 307 100.000					
1554 AF151877 Homo sapiens CGI-119 protein 323 84.375 1555 M97662 Rattus norvegicus beta-alanine synthase 255 80.000 1556 AF067226 Homo sapiens CGMP phosphodiesterase A4 205 55.172 1557 AB018274 Homo sapiens KIAA0731 protein 497 67.857 1558 D86566 Homo sapiens NOTCH4 307 100.000					
1555 M97662 Rattus norvegicus beta-alanine synthase 255 80.000 1556 AF067226 Homo sapiens cGMP phosphodiesterase A4 205 55.172 1557 AB018274 Homo sapiens KIAA0731 protein 497 67.857 1558 D86566 Homo sapiens NOTCH4 307 100.000					
1556 AF067226 Homo sapiens cGMP phosphodiesterase A4 205 55.172 1557 AB018274 Homo sapiens KIAA0731 protein 497 67.857 1558 D86566 Homo sapiens NOTCH4 307 100.000					
1557 AB018274 Homo sapiens KIAA0731 protein 497 67.857 1558 D86566 Homo sapiens NOTCH4 307 100.000				1	
1558 D86566 Homo sapiens NOTCH4 307 100.000					
1559 D87326 Mus musculus GSG2 328 42.069					
	1559	D87326	Mus musculus GSG2	328	42.069

1500	1 1100413	Lucia de Cinama de Caracteria (NELOS	L C10	1 60 276
1560	U09413	Homo sapiens zinc finger protein ZNF135	618	68.376
1561	L28167 X91788	Mus musculus zinc finger protein	674 639	78.947
1562 1563	D87127	Homo sapiens Icln protein	520	62.205
	U17342	Homo sapiens translocation protein-1	262	41.121
1564	D80005	Thermus sp. serine proteinase Homo sapiens KIAA0183	55	46.667
1565			366	
1566	AB014594	Homo sapiens KIAA0694 protein		52.212
1567	AF099032	Homo sapiens embryonic ectoderm development protein short isoform	208	76.190
1568	U95171	Drosophila melanogaster microtubule associated protein	229	25.191
1569	AF064748	Mus musculus S3-12	569	79.464
1570	A36790	unidentified LIGHT CHAIN VARIABLE REGION C21-L3	154	96.000
1571	AF017152	Mus musculus Shc binding protein	234	83.333
1572	AF095136	Homo sapiens protein O-mannosyl-transferase 1	1351	89.474
1573	AF165161	Homo sapiens FLASH	732	100.000
1574	AL008637	Homo sapiens NCF4	247	83.333
1575	AB007931	Homo sapiens KIAA0462 protein	151	83.333
1576	AF055291	Rattus norvegicus signal transducer and	238	97.059
		activator of transcription 4		
1577	AL031667	Homo sapiens dJ620E11.1a (novel Helicase C-	440	78.889
		terminal domain and SNF2 N-terminal domains		
		containing protein, similar to KIAA0308)		
1578	AF143946	Homo sapiens transcriptional activator SRCAP	963	98.675
1579	AF022256	Mus musculus corneal proteoglycan, keratocan	221	37.069
1580	X67052	Gallus gallus c-Rmil	301	95.745
1581	AC006539	Homo sapiens BC39498_2	584	63.866
1582	AL080156	Homo sapiens hypothetical protein	260	38.462
1583	S67826	Homo sapiens immunoglobulin heavy chain variable region	549	67.568
1584	Z68760	Homo sapiens Similarity to Human ankaryin (SW:ANKB_HUMAN); cDNA EST EMBL:D34286 comes from this gene; cD	306	38.655
1585	Z70271	Unknown Similarity to Yeast E1-E2 ATPase (SW:YED1_YEAST); cDNA EST EMBL:D37634 comes from this gene	709	44.737
1586	AB018334	Homo sapiens KIAA0791 protein	175	84.848
1587	AF091624	Drosophila melanogaster Pelle associated protein Pellino	420	60.952
1588	AB004884	Homo sapiens PKU-alpha	161	70.588
1589	U52193	Mus musculus phosphoinositide 3-kinase	922	99.259
1590	M80902	Homo sapiens AHNAK nucleoprotein	686	79.032
1591	AB019440	Homo sapiens immunogloblin heavy chain variable region	643	81.250
1592	X60155	Homo sapiens zinc finger 41	788	63.473
1593	Y17793	Mus musculus Duttl protein	546	56.522
1594	AB007876	Homo sapiens KIAA0416	459	43.382
1595	D63850	Mus musculus hepatoma-derived growth factor	182	27.439
1596	AJ010949	Mus musculus calcium channel alpha-2-delta-C subunit	1093	97.605
1597	U34360	Homo sapiens LAF-4	211	82.353
1598	V00401	Gallus gallus collagen	559	54.861
1599	AC006266	Arabidopsis thaliana hypothetical protein	147	46.667
1600	U35371	Rattus norvegicus neural cell adhesion protein BIG-2 precursor	690	93.519
1601	J02635	Rattus norvegicus prealpha-2-macroglobulin	304	41.667
1602	U03969	Tripneustes gratilla dynein heavy chain isotype	694	76.515
1603	Z81138	Caenorhabditis elegans predicted using	193	35.246
		I reconstruction and product products and and and and and and and and and and		1

	r		· · · · · · · · · · · · · · · · · · ·	
		Genefinder; cDNA EST EMBL: D65543 comes from		
1.604	W10713	this gene	677	100 761
1604	Y12713	Mus musculus Pro-Pol-dUTPase polyprotein	677	83.761
1605	D86983	Homo sapiens similar to D.melanogaster peroxidasin(U11052)	236	35.115
1606	AL021918	Homo sapiens b34I8.1 (Kruppel related Zinc Finger protein 184)	571	57.724
1607	D87437	Homo sapiens KIAA0250	165	96.429
1608	X51394	Xenopus laevis APEG precursor protein	305	47.619
1609	X72473	Homo sapiens Ig kappa light chain (VJC)	376	82.609
1610	AF132726	Mus musculus FLASH	396	60.606
1611	X69942	Mus musculus enhancer-trap-locus-1	233	94.872
1612	L24907	Rattus norvegicus protein kinase I	157	89.286
1613	M98326	Homo sapiens valyl-tRNA synthetase	584	71.930
1614	AL031667	Homo sapiens dJ620E11.1a (novel Helicase C- terminal domain and SNF2 N-terminal domains containing protein, similar to KIAA0308)	545	100.000
	D90188	Homo sapiens phSR2	201	78.125
1616	AJ004810	Zea mays cytochrome P450 monooxygenase	159	68.293
1617	U93872	Kaposi's sarcoma-associated herpesvirus ORF 73, contains large complex repeat CR 73	149	31.298
1618	X79233	Mus musculus EWS	175	74.194
1619	254216	Unknown similar to DNAJ protein; cDNA EST EMBL:T00334 comes from this gene; cDNA EST EMBL:T01898 co	255	41.237
1620	AF159295	Homo sapiens serine/threonine protein kinase Kp78 splice variant CTAK75a	164	71.795
1621	AJ012376	Homo sapiens ATP-binding cassette transporter-1 (ABC-1)	181	33.043
1622	AL031432	Homo sapiens dJ465N24.1 (PUTATIVE novel protein similar to predicted yeast and worm proteins)	168	80.645
1623	Z49144	Oryctolagus cuniculus multidrug resistance- associated protein 2	513	48.125
1624	Z97628	Homo sapiens Similarity to Human GC-rich DNA- binding factor (GCF) (SW:P16383); cDNA EST yk238e11.3 comes	178	31.624
1625	U58134	Mus musculus poly(A) polymerase VI	242	97.297
1626	U93181	Homo sapiens nuclear dual-specificity phosphatase	240	48.889
1627	Z80220	Unknown similar to nucleotide binding protein; cDNA EST EMBL:M75897 comes from this gene; cDNA EST	289	27.326
1628	U31961	Drosophila melanogaster ORF2	199	37.931
1629	M63438	Homo sapiens , gene product	518	81.188
1630	X92653	Drosophila melanogaster unknown product	340	50.459
1631	Z25535	Homo sapiens nuclear pore complex protein hnup153	283	100.000
1632	AL031667	Homo sapiens dJ620E11.1a (novel Helicase C- terminal domain and SNF2 N-terminal domains containing protein, similar to KIAA0308)	531	67.544
1633	AF017806	Mus musculus Zn-15 transcription factor	713	94.690
1634	U09116	Homo sapiens ORF2, encodes a reverse transcriptase homolog	198	56.604
1635	X94082	Xenopus laevis KLP2 protein	191	90.323
1636	AF062187	Homo sapiens immunoglobulin heavy chain variable region	653	88.073
1637	X90568	Homo sapiens Protein sequence and annotation available soon via Swiss-Prot; available at present via e-mail from LABEIT@EMBL-	488	97.403

		Heidelberg.DE		
1638	AF165310	Homo sapiens ATP cassette binding transporter 1	179	42.424
1639	Z93785	Caenorhabditis elegans similar to Protein phosphatase 2C (2 domains); cDNA EST yk279g8.5 comes from this gene	202	56.250
1640	AF127979	Homo sapiens lambda 2 immunoglobulin light chain variable region	481	74.747
1641	AB007939	Homo sapiens KIAA0470 protein	197	93.750
1642	D26067	Homo sapiens KIAA0033	208	96.970
1643	U04267	Gossypium barbadense proline-rich cell wall protein	210	44.578
1644	AB018311	Homo sapiens KIAA0768 protein	1321	43.644
1645	A65888	unidentified PUROMYCIN-SENSITIVE AMINOPEPTIDASE (PSA)-99	182	100.000
1646	U22961	Homo sapiens similar to human albumin, Swiss- Prot Accession Number P02768; Method: conceptual translation supplied by author	279	78.571
1647	U18973	Drosophila melanogaster protein disulfide isomerase	189	30.328
1648	AF080229	Human endogenous retrovirus K polymerase	537	68.644
1649	AC006530	Homo sapiens unknown	186	44.286
1650	AF055634	Homo sapiens transmembrane receptor UNC5C	347	100.000
1651	U35376	Homo sapiens repressor transcriptional factor	533	67.273
1652	AL031230	Homo sapiens dJ73M23.3 (KIAA0319)	198	63.043
1653	X06148	Rattus norvegicus ribosomal protein L5 (AA 1-297)	411	86.301
1654	U22961	Homo sapiens similar to human albumin, Swiss- Prot Accession Number P02768; Method: conceptual translation supplied by author	271	84.783
1655	U90543	Homo sapiens butyrophilin	274	38.333
1656	AC007660	Arabidopsis thaliana putative serine/threonine protein kinase	336	29.304
1657	U95171	Drosophila melanogaster microtubule associated protein	340	49.057
1658	A07400	Homo sapiens villin	229	100.000
1659	X65165	Volvox carteri extensin	177	36.449
1660	AB014574	Homo sapiens KIAA0674 protein	186	68.085
1661	AJ005897	Homo sapiens JM5	347	71.429
1662	U23502	Plasmodium chabaudi chabaudi POM1	487	46.012
1663	D88154	Homo sapiens villin-like protein	209	96.970
	X06956	Homo sapiens alpha-tubulin	481	93.671
1665		Mus musculus SPARC-related protein	1803	96.578
1666			279	97.674
1667	Z68297	Homo sapiens 4-aminobutyrate aminotransferase Unknown Similarity to Yeast TAT-binding homolog 7 (SW:TBP7_YEAST); cDNA EST EMBL:D37124 comes from	732	82.540
1668	AF076183	Rattus norvegicus cytosolic sorting protein PACS-la	957	98.675
1669	U00483	Macaca mulatta mucin	148	48.387
1670	AJ130711	Homo sapiens QA79 membrane protein, splice product airm-2	481	48.864
1671	U50040	Homo sapiens signaling inositol polyphosphate 5 phosphatase SIP-110	210	97.222
1672	AB005541	Rattus rattus PCTAIRE3	1106	92.222
1673	X06290	Homo sapiens apolipopreprotein (a) (AA -19 to 4529)	375	78.788
1674	Y17737	Canis familiaris albumin	157	52.000
1675	Z12168	Canis familiaris stimulatory GTP binding	1211	88.614
		protein		

1676	D16626	Homo sapiens histidase	198	79.487
1677	AB018268	Homo sapiens KIAA0725 protein	216	100.000
1678	AB004885	Homo sapiens PKU-beta	172	92.593
1679	Z26876	Homo sapiens ribosomal protein	24	57.143
1680	AF044209	Homo sapiens nuclear receptor co-repressor N-	362	82.540
""		Cor	002	
1681	AF151827	Homo sapiens CGI-69 protein	299	78.571
1682	AB002299	Homo sapiens KIAA0301	272	64.286
1683	AF060076	Mus musculus polyhomeotic 2 protein	245	67.797
1684	AF015911	Rattus norvegicus NAC-1 protein	796	97.541
1685	AJ243997	Homo sapiens ERIC1	167	96.667
1686	AF118023	Homo sapiens SH3 domain-binding protein SNP70	441	86.957
1687	X69086	Homo sapiens utrophin (dystrophin related	200	22.326
		protein)		
1688	AF016903	Homo sapiens agrin precursor	476	39.394
1689		Homo sapiens fibrillin	220	83.333
1690		Drosophila melanogaster actin binding protein	184	64.865
1691	U31629	Mus musculus unknown	201	65.789
1692	U68233	Homo sapiens farnesol receptor HRR-1	204	100.000
1693	AB011370	Mus musculus Ankhzn	148	100.000
1694	M74165	Gallus gallus tensin	589	65.714
1695	AB020662	Homo sapiens KIAA0855 protein	225	59.322
1696	AL117237	Homo sapiens hypothetical protein	597	90.816
1697	AF042191	Danio rerio paraxial protocadherin; PAPC	439	50.382
1698	U08813	Oryctolagus cuniculus 597 aa protein related to	220	94.444
1.000	7740240	Na/glucose cotransporters	105	60 100
1699	U40342	Mus musculus ninein	495	68.103
1700 1701	AF039698 M90656	Homo sapiens antigen NY-CO-33	746	39.523
1701		Homo sapiens gamma-glutamylcysteine synthetase	215	100.000
1702	AF166261 Y12713	Xenopus laevis nuclear protein Sojo	360 545	55.856 76.577
1703	AF129756	Mus musculus Pro-Pol-dUTPase polyprotein Homo sapiens NG26	272	75.000
1705	D44497	Homo sapiens human p57	368	80.000
1706	U97189	Caenorhabditis elegans strong similarity to thw	141	29.412
1700	09/109	P13/P14 family of kinases	141	29.412
1707	AL117204	Caenorhabditis elegans predicted using	202	40.845
		Genefinder	= = =	
1708	AF017275	Mus musculus growth factor independence-1B	594	77.679
1709	D26069	Homo sapiens KIAA0041	227	23.963
1710	Z81525	Unknown cDNA EST yk361e11.5 comes from this	372	41.026
İ		gene; cDNA EST yk222c8.3 comes from this gene;		
		cDNA EST		
1711	D10627	Mus musculus zinc finger protein	576	54.412
1712	X69942	Mus musculus enhancer-trap-locus-1	1250	96.373
1713	AC007204	Homo sapiens BC273239 1	691	60.927
1714	AF016448	Caenorhabditis elegans No definition line found	564	41.791
1715	U56732	Rattus norvegicus KRAB/zinc finger suppressor	903	66.667
1716	V64222	protein 1	272	
1716	X64228 AF064553	Homo sapiens putative oncogene	273	92.000
1717 1718	AF064553 AF028789	Mus musculus NSD1 protein	1556	69.429
1718	L01986	Homo sapiens UNC-119b	199	67.500
1720	U09413	Homo sapiens trithorax	227 537	97.297
1721	Z66568	Homo sapiens zinc finger protein ZNF135 Schizosaccharomyces pombe hypothetical trp-asp		62.963
1'21	400300	repeats containing protein	461	54.237
1722	X69942	Mus musculus enhancer-trap-locus-1	698	96.296
1723	AF038007	Homo sapiens FIC1	480	84.615
1724	M86664	Equine herpesvirus 1 membrane glycoprotein	166	25.150
1725	Z26634	Homo sapiens ankyrin B (440 kDa)	312	33.898
		1		

1726	AF082556	Homo sapiens TRF1-interacting ankyrin-related	2343	82.082
		ADP-ribose polymerase		
1727	AB029290	Homo sapiens actin binding protein ABP620	674	51.515
1728	Z66511	Unknown similar to RNA recognition motif. (aka	201	36.364
		RRM, RBD, or RNP domain); cDNA EST CEMSA01F		
		comes fr		
1729	X90568	Homo sapiens Protein sequence and annotation	1637	99.209
		available soon via Swiss-Prot; available at		
		present via e-mail from LABEIT@EMBL-		
		Heidelberg.DE		
1730		Homo sapiens elastic titin	1831	99.286
1731	Z48045	Caenorhabditis elegans sre-2	320	25.664
1732	Z22968	Homo sapiens M130 antigen	944	63.043
1733	AJ132751	Bos taurus xenobiotic/medium-chain fatty	685	70.073
		acid:CoA ligase form XL-III		
1734	AB014577	Homo sapiens KIAA0677 protein	740	65.409
1735	U32305	Caenorhabditis elegans No definition line found	272	51.899
1736	AL080125	Homo sapiens hypothetical protein	422	53.543
1737	U06641	Homo sapiens UDP glucuronosyltransferase	420	80.769
1738	M31013	Homo sapiens nonmuscle myosin heavy chain	329	95.918
		(NMHC)		
1739	X90568	Homo sapiens Protein sequence and annotation	1114	99.412
		available soon via Swiss-Prot; available at		
		present via e-mail from LABEIT@EMBL-		
		Heidelberg.DE		
1740	U64598	Caenorhabditis elegans weakly similar to S.	316	45.045
		cervisiae PTM1 precursor (SP:P32857)	310	10.010
1741	Z21507	Homo sapiens human elongation factor-1-delta	388	76.190
1742	Z19092	Oryctolagus cuniculus trichohyalin	207	26.038
1743	275536	Caenorhabditis elegans similar to DnaJ domain;	326	39.264
		cDNA EST yk398h12.5 comes from this gene; cDNA	320	33.201
		EST yk250d6.5 comes from this gene		
1744	D80003	Homo sapiens KIAA0181	2675	99.761
1745	AE001032	Archaeoglobus fulgidus purine NTPase, putative	212	22.901
1746	AL080141	Homo sapiens hypothetical protein	1943	74.347
1747	AF000195	Caenorhabditis elegans similar to oxysterol-	272	63.768
	111 000130	binding proteins	2,2	03.700
1748	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	228	76.744
1749	Z81029	Unknown Similarity to S.pombe hypothetical	19	75.000
	201023	protein C1D4.09C (SW:Q10154); cDNA EST	17	'3.000
		EMBL: T00543 comes		
1750	AB029012	Homo sapiens KIAA1089 protein	198	80.952
1751	AF078856	Homo sapiens p47	393	50.400
1752	U97002	Caenorhabditis elegans similar to acyl-CoA	389	51.200
1,32	037002	dehydrogenases and epoxide hydrolases; Pfam	309	31.200
		domain PF00441 (Acyl-CoA dh), Score=57.4, E-		
		value=1.7e-16, N=2; contains similarity to Pfam		
		domain PF00702 (Hydrolase), Score=57.4, E-		
•		value=1e-13, N=1		
1753	U09411	Homo sapiens zinc finger protein ZNF132	889	61.497
1754	Z47811	Unknown similar to glycerophosphoryl diester	345	28.205
1,04]	phosphodiesterase domain; cDNA EST EMBL:D27842	"""	20.203
		comes f		
1755	U29096	Caenorhabditis elegans coded for by C. elegans	622	32.768
1.55	32,000	cDNA yk44f2.5; similar to P59 protein (HSP	022	32.700
		binding immunophilin) and to TPR domain		
1756	Z68297	Unknown cDNA EST EMBL: D32434 comes from this	593	47.847
		gene; cDNA EST EMBL:D33710 comes from this		1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
		gene; cDNA		1
	ı	<u> y +</u>	,	1

1757	Z27079	Unknown cDNA EST CEMSF67FB comes from this	497	35.039
		gene; cDNA EST CEMSF67R comes from this gene;		
		cDNA EST y		
1758	AL035601	Arabidopsis thaliana putative protein	241	27.811
1759	AJ005821	Homo sapiens X-like 1 protein	507	51.299
1760	AB026190	Homo sapiens Kelch motif containing protein	264	42.478
1761	AL021768	Arabidopsis thaliana putative protein	321	28.947
1762	U90920	Homo sapiens PTPL1-associated RhoGAP	909	47.097
1763	U76373	Mus musculus skm-BOP1	960	96.403
1764	M12130	Mus musculus RNA polymerase II	377	88.060
1765	AF144477	Homo sapiens myotilin	645	98.947
1766	AB005549	Rattus norvegicus atypical PKC specific binding protein	875	79.412
1767	AF020261	Santalum album proline rich protein	176	34.444
1768	X17617	Mus musculus zinc finger protein (AA 1-580)	658	48.148
1769	U39850	Caenorhabditis elegans coded for by C. elegans	207	29.221
		cDNA yk131g12.5		
1770	M84911	Pseudomonas aeruginosa ORF located downstream	670	59.006
		of mmsAB operon, has sequence similarity to an acetyl-CoA synthetase; ORF1; putative		
1771	AF051944	Gallus gallus Xin	326	42.857
1772	AB002388	Homo sapiens KIAA0390	480	34.557
1773	X90568	Homo sapiens Protein sequence and annotation	932	99.301
	111111111111111111111111111111111111111	available soon via Swiss-Prot; available at	332	33.301
		present via e-mail from LABEIT@EMBL-		
		Heidelberg.DE		
1774	AB023178	Homo sapiens KIAA0961 protein	919	59.906
1775	AF051945	Mus musculus Xin	526	61.194
1776	AL117666	Homo sapiens hypothetical protein	285	100.000
1777	L16547	Bos taurus chloride channel protein	441	74.725
1778	U05204	Oryctolagus cuniculus preproacrosin	188	59.459
1779	AF167320	Mus musculus zinc finger protein ZFP113	807	56.633
1780	AL080125	Homo sapiens hypothetical protein	1297	56.592
1781	U50413	Mus musculus phosphoinositide 3-kinase p85alpha	501	94.595
1782	Z98601	Schizosaccharomyces pombe hypothetical protein	334	31.500
1783	Y17267	Mus musculus ubiquitin-conjugating enzyme	1650	98.450
1784	AF056977	Penicillium chrysogenum hypothetical protein	329	36.806
1785	X64418	Drosophila melanogaster kurz protein	458	48.611
1786	X79828	Mus musculus NK10	1285	94.054
1787	AB018270	Homo sapiens KIAA0727 protein	1715	57.683
1788	Z70310	Caenorhabditis elegans R11A8.7b	1732	59.785
1789	AF036706	Caenorhabditis elegans No definition line found	495	41.000
1790	AB005549	Rattus norvegicus atypical PKC specific binding	2594	88.791
		protein		
1791	AF015454	Xenopus laevis ER1	185	64.286
1792	X52943	Homo sapiens ATF-a protein (AA 1-483)	391	100.000
1793	U97006	Caenorhabditis elegans No definition line found	406	43.671
1794	M20031	Homo sapiens V-III-J region	383	95.312
1795	AF079765	Mus musculus enhancer of polycomb	616	96.000
1796	Z71180	Caenorhabditis elegans similar to BPTI/KUNITZ	731	44.141
		inhibitor domain; cDNA EST EMBL: D68293 comes		
		from this gene; cDNA EST yk448h4.5 comes from		
		this gene; cDNA EST yk249e6.5 comes from this		
L	L	gene; cDNA EST yk448h4.3 comes from this gene		
1797	AB023216	Homo sapiens KIAA0999 protein	809	95.935
1798	AL022600	Schizosaccharomyces pombe hypothetical protein	428	40.860
1799	U34932	Rattus norvegicus Fos-related antigen	300	68.421
1000	Y00062	Homo sapiens precursor polypeptide (AA -23 to	203	82.857
1800		1120)		

	10-0-0	T	T	1
1801	U35376	Homo sapiens repressor transcriptional factor	2183	78.358
1802	AF053091	Drosophila melanogaster eyelid	661	40.741
1803		Caenorhabditis elegans weak similarity to HSP90	48	60.000
1804	AL031583	Unknown /prediction=(method:""genefinder"",	634	52.885
		version:""084"", score:""120.68"");		
1005	1141520	/prediction=(meth	660	47.740
	U41538	Caenorhabditis elegans No definition line found	668 475	47.748
1806 1807		Saccharomyces cerevisiae MYO2		43.860
1807	AB007931	Homo sapiens zinc finger protein Homo sapiens KIAA0462 protein	601	67.213 97.895
1809	AB007931 AB014570	Homo sapiens KIAA0462 protein	1180 223	24.229
1810	Y15197	Mus musculus microtubule-associated protein,	339	26.036
		MAP-115		
	X86683	Drosophila melanogaster deep orange (dor)	358	40.909
1812	AF151014	Xenopus laevis small Rho-like GTPase Rnd1	265	86.047
1813	U17989	Homo sapiens GS2NA	243	84.091
1814	Y16790	Homo sapiens keratin type I	345	36.585
1815	AF191252	Homo sapiens guanosin-diphosphatase like protein	614	63.636
1816	AB011094	Homo sapiens KIAA0522 protein	322	35.714
1817	AB026190	Homo sapiens Kelch motif containing protein	438	39.196
1818	A63605	unidentified unnamed protein product	1057	100.000
1819	AF102129	Rattus norvegicus KPL2	1094	88.660
1820	AL021086	Unknown /prediction=(method:""genefinder"",	297	60.811
		version:""084"", score:""147.90"");		
		/match=(desc:""LI		
1821	M61185	Bos taurus glutamic acid-rich protein	217	52.174
1822	D16226	Oryctolagus cuniculus one of the members of sodium-glucose cotransporter family	1335	90.868
1823	AB023215	Homo sapiens KIAA0998 protein	567	35.385
1824	AB001772	Ciona savignyi PEM-5	211	45.588
1825	D42043	Homo sapiens The ha2022 gene product is novel.	240	23.019
1826	U93872	Kaposi's sarcoma-associated herpesvirus ORF 73,	322	27.451
		contains large complex repeat CR 73		
1827	AC005614	Homo sapiens F23269 2	635	64.463
1828	AB002374	Homo sapiens KIAA0376	600	47.964
1829	AF019236	Dictyostelium discoideum TipD	146	37.288
1830	M12140	Homo sapiens envelope protein	297	48.421
1831	D90756	Escherichia coli Hypothetical protein in pth- prsA intergenic region .	878	100.000
1832	M64658	Oryctolagus cuniculus phosphorylase kinase	191	96.429
		beta-subunit		
1833	Z78201	Unknown Similarity to E.coli 2-oxoglutarate dehydrogenase (SW:ODO1 ECOLI); cDNA EST	776	58.163
		EMBL: D32590 com		
1834	AF065215	Homo sapiens cytosolic phospholipase A2 beta	559	45.506
1835	AJ248284	Pyrococcus abyssi chromosome segregation protein (smc1)	177	22.467
1836	D83776	Homo sapiens The KIAA0191 gene is expressed	219	96.552
		ubiquitously.; The KIAA0191 protein retains the		33.332
		C2H2 zinc-finger at its N-terminal region.		
1837	X64346	Saimiriine herpesvirus 2 ORF 48; EDLF5; sim. to	720	66.355
1838	U93872	EBV BRRF2 Kaposi's sarcoma-associated herpesvirus ORF 73,	218	20.952
		contains large complex repeat CR 73		20.732
1839	AC007138	Arabidopsis thaliana predicted protein of	191	50.000
1840	275540	unknown function Unknown similar to BRCA1 C Terminus (BRCT)	173	30.508
1040	4/3340	domain (4 domains); cDNA EST EMBL:D36641 comes	1/3	30.308

r	Τ	from this	<u> </u>	
1841	X15657	Drosophila melanogaster Elf-1 protein (AA 1-	374	58.163
		1063)		
1842	J03916	Escherichia coli phosphatidylserine decarboxylase	945	98.630
1843	U90880	Fugu rubripes zinc finger protein	665	92.632
1844	D63881	Homo sapiens KIAA0160 gene product is novel.	219	97.059
1845	U35376	Homo sapiens repressor transcriptional factor	706	73.134
1846	AB028978	Homo sapiens KIAA1055 protein	603	62.411
1847	AF126736	Homo sapiens ubiquitin processing protease	448	46.897
1848	Z73906	Caenorhabditis elegans cDNA EST EMBL:M88866 comes from this gene	168	36.145
1849	AL031032	Arabidopsis thaliana extensin-like protein	285	47.059
1850	AF181856	Rattus norvegicus tRNA selenocysteine associated protein	153	95.833
1851	AF055666	Mus musculus kinesin light chain 2	203	100.000
1852		Oryctolagus cuniculus Phospholipase	1236	79.646
1853	M27878	Homo sapiens DNA binding protein	873	73.054
1854	AL031667	Homo sapiens dJ620E11.1a (novel Helicase C-	206	93.548
	1111011001	terminal domain and SNF2 N-terminal domains		33.340
1855	AB023155	containing protein, similar to KIAA0308) Homo sapiens KIAA0938 protein	955	59.615
1856	AF167320	Mus musculus zinc finger protein ZFP113	829	76.871
1857	AB000512	Gallus gallus cadherin-10	735	78.571
1858	AC004227		2741	
1859	M97639	Homo sapiens KIA001LB	1	100.000
	D63476	Homo sapiens transmembrane receptor	840	87.591
1860		Homo sapiens The KIAA0142 gene is related to human KIAA0006 gene.	236	85.000
1861	AF091628	Mus musculus ERG-associated protein ESET	526	33.977
1862	AB023186	Homo sapiens KIAA0969 protein	581	31.343
1863	X78933	Homo sapiens zinc finger protein	1018	64.516
1864	AL049784	Homo sapiens hypothetical protein	1152	95.977
1865	Z48809	Unknown similarity to the yeast MET30 protein (PIR accession number S43750); cDNA EST EMBL:M89261 c	377	29.880
1866	AL050367	Homo sapiens hypothetical protein	378	46.400
1867	AJ242914	Mus musculus neurotrophin receptor interacting factor (NRIF1)	353	50.833
1868	AF043695	Caenorhabditis elegans Similar to mitochondrial carrier protein	287	37.778
1869	Z70310	Caenorhabditis elegans R11A8.7b	540	34.277
1870	D83146	Mus musculus Six5	825	81.935
1871	AB029290	Homo sapiens actin binding protein ABP620	1516	100.000
1872	AJ243806	Chlamydomonas reinhardtii 1-alpha dynein heavy chain	256	73.913
1873	AF004813	Homo sapiens electrogenic Na+ bicarbonate cotransporter; NBC	700	74.453
1874	AF135440	Mus musculus huntington yeast partner C	270	97.500
1875	U18991	Homo sapiens retinal pigment epithelium- specific 61 kDa protein	293	33.333
1876	X74546	Escherichia coli LysR homologue A	935	100.000
1877	M67467	Macaca fuscata 3-beta-hydroxy-5-ene steroid dehydrogenase/delta-5-delta-4 isomerase	858	85.430
1878	221707	Homo sapiens polypeptide	202	32.576
1879	U37775	Mus musculus tuberin	349	69.231
1880	AF022729	Rattus norvegicus HNK-1 sulfotransferase	361	41.667
1881	AF081941	Rattus norvegicus soluble adenylyl cyclase	178	38.961
1882	AF004715	Homo sapiens jerky gene product homolog	328	41.270
1883	M60172	Gallus gallus novel collagen protein	342	48.696
		1 2		1

1884	AF056617	Homo sapiens BWSCR2 associated zinc-finger protein BAZ1	825	70.440
1885	AL021482	Caenorhabditis elegans Y39A1B.2	269	36.220
1886	D63478	Homo sapiens The KIAA0144 gene product is novel.	312	45.455
1887	AJ131021	Mus musculus ribosomal protein S6 kinase 3	720	79.365
1888	U49974	Homo sapiens mariner transposase	158	64.865
1889	AF016448	Caenorhabditis elegans No definition line found	719	47.083
1890	AB008164	Homo sapiens ST1C2	234	94.444
1891	U27196	Gallus gallus zinc finger protein	250	41.304
	Y08564			63.303
1892		Homo sapiens UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase	546	
1893	AL021492	Caenorhabditis elegans Y45F10D.11	230	51.429
1894	AF180728	Drosophila melanogaster sulfate transporter	429	36.709
1895	U88172	Caenorhabditis elegans No definition line found	202	25.000
1896	AL117626	Homo sapiens hypothetical protein	553	62.590
1897	X90568	Homo sapiens Protein sequence and annotation	1907	98.233
		available soon via Swiss-Prot; available at present via e-mail from LABEIT@EMBL-Heidelberg.DE		
1898	AB023155	Homo sapiens KIAA0938 protein	726	66.111
1899	Y13367	Homo sapiens phosphoinositide 3-kinase	442	98.413
1900	AF083391	Homo sapiens putative WHSC1 protein	191	41.791
1901	AB007934	Homo sapiens KIAA0465 protein	1347	64.286
1902	X69490	Homo sapiens titin	1208	97.980
1903	AF117888	Homo sapiens myosin-IXa	1547	100.000
1904	X90568	Homo sapiens Protein sequence and annotation	856	98.485
1905	X69490	present via e-mail from LABEIT@EMBL- Heidelberg.DE Homo sapiens titin	026	99.281
1905			926	
	X69490	Homo sapiens titin	1687	100.000
1907	X69089	Homo sapiens 165kD protein	598	36.630
1908	AB029290	Homo sapiens actin binding protein ABP620	1524	61.039
1909	X90568	Homo sapiens Protein sequence and annotation available soon via Swiss-Prot; available at present via e-mail from LABEIT@EMBL-Heidelberg.DE	1635	100.000
	AB014601	Homo sapiens KIAA0701 protein	390	40.909
1911	AL031230	Homo sapiens dJ73M23.3 (KIAA0319)	258	41.129
1912	M32865	Homo sapiens Ku protein subunit	187	100.000
1913	AF038007	Homo sapiens FIC1	547	63.971
1914	D10712	Mus musculus nedd-1 protein	614	92.079
1915	D26069	Homo sapiens KIAA0041	156	29.921
1916	Z66496	Unknown cDNA EST EMBL: D71941 comes from this	240	28.387
		gene; cDNA EST EMBL:D74691 comes from this gene; cDNA	240	20.507
1917	AF140360	Homo sapiens histone acetyltransferase	159	100.000
1918	D42046	Homo sapiens The ha3631 gene product is related to S.cerevisiae protein encoded in chromosome VIII.	299	97.917
1919	AF125386	Drosophila melanogaster L82C	226	31.532
1920	D16611	Homo sapiens coproporphyrinogen oxidase	207	75.610
1921	AB028958	Homo sapiens KIAA1035 protein	402	48.000
1922	X79131	Mus musculus IB3/5-polypeptide	1535	78.105
1923	U72192	Homo sapiens lysosomal trafficking regulator LYST	160	100.000
1924	AF027955	Mus musculus G protein-coupled receptor	754	60.221
1925	M34551		226	
1923	[H34331	Homo sapiens 52-kD Ro/SSA ribonucleoprotein	1220	34.307

1926	U10401	Caenorhabditis elegans No definition line found	391	30.741
1927	U87965	Mus musculus putative G-protein	337	50.000
1928	AB023157	Homo sapiens KIAA0940 protein	519	39.241
1929		Rattus norvegicus potassium channel	629	97.917
1930	271264	Unknown predicted using Genefinder; Weak	325	33.908
1330	0,1201	similarity to Mouse T-complex-associated-	525	
		testes-expressed-		
1931	J05194	Oryctolagus cuniculus myosin light chain kinase (EC 2.7.1)	1077	97.590
1932	AF124396	Danio rerio R-cadherin precursor	389	41.722
1933	U79587	Homo sapiens immunoglobulin V-region light	320	79.032
		chain		
1934	AF035537	Homo sapiens DNA polymerase zeta	285	89.583
1935	U93181	Homo sapiens nuclear dual-specificity	183	52.941
		phosphatase		
1936	AF129756	Homo sapiens BAT2	793	40.568
1937	D89677	Mus musculus Kryn	2393	78.005
1938	Z93372	Caenorhabditis elegans predicted using	746	48.052
		Genefinder; cDNA EST yk345d5.5 comes from this		
		gene; cDNA EST yk345d5.3 comes from this gene		
1939	AF104414	Mus musculus large tumor suppressor 1	944	78.261
1940	AB002376	Homo sapiens KIAA0378	780	76.220
1941	L20303	Gallus gallus actin filament-associated protein	582	37.370
1942	AJ133521	Drosophila buzzatii protease, reverse	228	29.787
		transcriptase, ribonuclease H, integrase		
1943	L38620	Mus musculus mSin3A gene product	809	100.000
1944	Z71264	Unknown predicted using Genefinder; Weak	462	34.812
		similarity to Mouse T-complex-associated-		
		testes-expressed-		
1945	X15187	Homo sapiens precursor polypeptide (AA -21 to 782)	1761	97.112
1946	D78572	Mus musculus membrane glycoprotein	184	50.000
1947	D87077	Homo sapiens KIAA0240	483	93.750
1948	AE000699	Aquifex aeolicus chromosome assembly protein homolog	143	22.414
1949	AJ131244	Homo sapiens Sec24A protein	433	95.161
1950	U09820	Homo sapiens helicase II	259	100.000
1951	AB030502	Xenopus laevis XDRP1	729	82.576
1952	M74165	Gallus gallus tensin	464	45.276
1953	AE000142	Escherichia coli putative transport protein	1049	98.246
1954	AF025467	Caenorhabditis elegans contains similarity to	181	43.548
		drosophila DNA-binding protein K10 (NID:g8148)		
1955	A56817	unidentified unnamed protein product	255	53.571
1956	AF060246	Mus musculus zinc finger protein 106	1295	80.543
1957	X75342	Homo sapiens Shb	335	42.636
1958	M74165	Gallus gallus tensin	1269	87.879
1959		Homo sapiens KIAA0386	676	54.545
1960	AF017112	Mus musculus non-erythrocyte beta spectrin	170	100.000
1961	X12492	Homo sapiens CTF-1 factor (AA 1 - 499)	1087	95.906
1962	Z11527	Drosophila melanogaster CYS3HIS finger protein	742	74.219
1963	J02974	Acanthamoeba castellanii myosin IB heavy chain	183	37.000
1964	X90840	Homo sapiens axonal transporter of synaptic vesicles	1904	99.647
1965	M27266	Mus musculus p59fyn	168	25.424
1966	L40459	Mus musculus latent transforming growth factor-	1279	88.701
	=	beta binding protein		""
1967	Z48583	Unknown similar to ATPases associated with various cellular activities (AAA); cDNA EST	267	42.553
L		EMBL: Z14623		

1968	AF181631	Drosophila melanogaster BcDNA.GH04929	245	28.481
1969	S48472	Felis catus arylsulfatase B, ARSB	727	57.838
1970	270683	Unknown Weak similarity to Human tyrosine- protein kinase CSK (SW:CSK_HUMAN); cDNA EST EMBL:C10908 c	326	47.273
1971	AF078790	Caenorhabditis elegans No definition line found	159	25.564
1972	Z22642	Homo sapiens PO-GA	214	28.488
1973	X56203	Plasmodium falciparum liver stage antigen	314	23.566
1974	X73882	Homo sapiens microtubule associated protein	298	38.776
1975	Z71178	Unknown similar to pro-collagen domains; cDNA EST EMBL:D27978 comes from this gene; cDNA EST EMBL:D	380	40.411
1976	D10627	Mus musculus zinc finger protein	747	56.287
1977		Homo sapiens zinc finger protein ZNF135	1082	52.797
1978	AF106682	Homo sapiens spindlin	770	75.159
1979	AL023781	Schizosaccharomyces pombe N-terminal acetyltransferase 1	686	40.876
1980	U53332	Caenorhabditis elegans No definition line found	190	30.769
1981	AF111169	Homo sapiens unknown	1357	77.741
1982	U41164	Rattus norvegicus Cys2/His2 zinc finger protein	1089	75.879
1983	AJ131720	Homo sapiens alpha integrin binding protein 80	2396	98.652
1984	U69262	Mus musculus matrilin-2 precursor	2150	86.765
1985	AC007193	Homo sapiens Putative homolog of hypoxia inducible factor three alpha	1849	95.172
1986	AF113131	Homo sapiens host cell factor homolog LCP	481	51.969
1987	L20450	Mus musculus DNA-binding protein	703	63.699
1988	AE000798	Methanobacterium thermoautotrophicum O-linked GlcNAc transferase	185	31.293
1989	AB011414	Homo sapiens Kruppel-type zinc finger protein	780	82.222
1990	S79915	Drosophila sp. Hls=155 kda putative DE-H type RNA-dependent ATPase-helicase/RNA localizing protein	335	27.037
1991	Z48241	Caenorhabditis elegans similar to coiled coil domains; cDNA EST yk302g12.5 comes from this gene; cDNA EST yk365d10.5 comes from this gene; cDNA EST yk461c1.5 comes from this gene	166	23.316
1992	AF012942	Dictyostelium discoideum HelD	580	50.532
1993	U39851	Caenorhabditis elegans coded for by C. elegans cDNA yk121e3.3; coded for by C. elegans cDNA yk121e3.5; coded for by C. elegans cDNA cm06g4	511	43.367
1994	AF067622	Caenorhabditis elegans Contains similarity to Pfam domain: PF00628 (PHD), Score=36.7, E-value=1.7e-07, N=2	320	32.227
	AJ003112	Homo sapiens doublecortin	202	28.947
1996	AL109832	Schizosaccharomyces pombe putative gtpase activating protein	433	35.484
	D87908	Mus musculus nuclear protein np95	1561	85.057
1998	AB014538	Homo sapiens KIAA0638 protein	238	36.774
1999	M95762	Rattus norvegicus GABA transporter	791	92.913
2000	Z49967	Unknown cDNA EST EMBL:T00743 comes from this gene; cDNA EST EMBL:D69356 comes from this gene; cDNA	238	41.837
	U78180	Homo sapiens sodium channel 2	794	56.281
2002	AB011094	Homo sapiens KIAA0522 protein	940	95.946
2003		Escherichia coli NADH dehydrogenase	440	98.413
2004		Mus musculus calpain-like protease	1088	73.585
	L02897	Canis familiaris beta-spectrin	241	49.315
2006	X85214	Mus musculus ox40	1059	100.000
2007	D13159	Escherichia coli transaldolase	821	98.450

2008	AF064604	Homo sapiens KE03 protein	493	54.264
2009	X52574	Mus musculus GTP binding protein	363	50.420
2010	AF060503	Homo sapiens zinc finger protein	780	83.453
2011	D78174	Mus musculus Zic4 protein	1436	92.453
2012	L07736	Rattus norvegicus carnitine	1292	55.828
	201700	palmitoyltransferase I	12,72	33.323
2013	L26049	Chlamydomonas reinhardtii dynein heavy chain	184	28.431
		alpha		
2014	M80537	Drosophila melanogaster fat protein	180	28.767
2015	AF100956	Mus musculus Bing1	367	41.497
2016	AF047659	Caenorhabditis elegans No definition line found	331	52.336
2017	AF005654	Homo sapiens actin-binding double-zinc-finger	1835	96.471
		protein		
2018	S62941	Homo sapiens Ps 2=basic proline-rich	263	33.929
		protein(PRB1L precursor protein=basic proline-		
		rich proteins (Ps, PmF, PmS, and Pe) precursor)		
		{C-terminal}		
2019	AF071081	Mycobacterium tuberculosis proline-rich mucin	269	35.507
0000	77000010	homolog		
2020	AB029013	Homo sapiens KIAA1090 protein	1055	67.633
2021	AL080125	Homo sapiens hypothetical protein	777	68.387
2022	U75276	Homo sapiens TFIIB related factor hBRF	172	96.154
2023	D90714	Escherichia coli Aldose 1-epimerase (EC	1371	97.156
2024	AF015297	5.1.3.3) (mutarotase).	194	24.583
2024	D87743	Human herpesvirus 6 (strain Uganda-1102) IE2hom Homo sapiens Similar to Human Na+/H+ exchanger	193	57.692
2023	007743	2 (A57644)	193	37.092
2026	AB001735	Mus musculus ADAMTS-1	546	54.286
2027	U94585	Homo sapiens requiem homolog	1231	59.044
2028	AL031583	<pre>Unknown /prediction=(method:""genefinder"", version:""084"", score:""120.68""); /prediction=(meth</pre>	274	42.857
2029	AF057019	Dictyostelium discoideum interaptin	194	20.866
2030	AC004893	Homo sapiens similar to NEDD-4 (KIA0093);	773	98.214
		similar to P46934 (PID:g1171682)		
2031	U09413	Homo sapiens zinc finger protein ZNF135	998	55.459
2032	U13766	Murine leukemia virus gag-pol polyprotein	159	46.154
2033	U28831	Homo sapiens protein that is immuno-reactive with anti-PTH polyclonal antibodies	518	82.524
2034	AF038599	Sus scrofa env protein	196	25.000
	D63476	Homo sapiens The KIAA0142 gene is related to	210	75.610
		human KIAA0006 gene.		
2036	Z18361	Ovis aries trichohyalin	243	23.514
2037		Homo sapiens KIAA0305	252	38.043
2038	AB015629	Homo sapiens type II membrane protein similar	637	78.231
		to HIV gp120-binding C-type lectin		
2039	Y12400	Drosophila melanogaster putative organic cation	470	42.222
		transporter		
2040	X78925	Homo sapiens zinc finger protein	816	57.592
2041	X06704	Homo sapiens trk-2h polypeptide	301	89.130
2042	L26507	Mus musculus myocyte nuclear factor	2438	97.268
2043	U05681	Homo sapiens homologous to members of the I-	236	35.036
		kappa B family; protein binds NF-kappa B		
2044	MEETCO	proteins	220	06 154
2044	M55169 U53420	Homo sapiens tripeptidyl peptidase II	339	96.154
2045	033420	Rattus norvegicus sodium-calcium exchanger form 3	894	95.652
2046	U84248	Aedes aegypti blood meal-induced protein	630	57.042
2047	AF121781	Homo sapiens unknown	244	25.201

2048	AF045022	Bos taurus phosphatidic acid-preferring	1521	98.696
		phospholipase A1		
2049	AB023178	Homo sapiens KIAA0961 protein	687	60.248
2050	Z68760	Homo sapiens Similarity to Human ankaryin	365	40.141
		(SW:ANKB_HUMAN); cDNA EST EMBL:D34286 comes		
		from this gene; cD		
2051	D87433	Homo sapiens KIAA0246	1430	47.103
2052	AF104260	Homo sapiens hiwi	395	39.412
	AF032668	Rattus norvegicus rsec15	897	98.561
2054	AC007228	Homo sapiens BC37295 1	1253	65.748
2055	Z93239	Unknown predicted using Genefinder; cDNA EST	288	51.899
		EMBL:D68680 comes from this gene; cDNA EST		
2056	1100074	yk212g2.5 c	1460	
	U09874	Mus musculus SKD3	1468	92.500
2057	Y10601	Homo sapiens ankyrin-like protein	285	97.619
2058	U09411	Homo sapiens zinc finger protein ZNF132	689	60.839
2059	AB023163	Homo sapiens KIAA0946 protein	747	99.115
2060	AF109906	Mus musculus NG22	481	25.778
2061	AF075587	Homo sapiens protein associated with Myc	373	98.214
2062	AF041382	Drosophila melanogaster microtubule binding	316	33.588
2062	7.505.636	protein D-CLIP-190	C40	51 012
2063	AF055636	Homo sapiens leucine-rich glioma-inactivated	649	51.813
2064	AF115509	protein precursor	214	100 000
2064	AB011532	Homo sapiens LRR FLI-I interacting protein 2	1378	100.000
	AF051945	Rattus norvegicus MEGF6	990	77.835
2066	AB023209	Mus musculus Xin	857	
		Homo sapiens KIAA0992 protein		67.582
2068	AF069300	Arabidopsis thaliana contains similarity to Arabidopsis membrane-associated salt-inducible-	261	34.483
		like protein (GB:AL021637)		
2069	AL050134	Homo sapiens hypothetical protein	402	38.418
2070	S60312	Mus sp. DMR-N9 {C-terminal}	512	70.370
2071	AF005050	Homo sapiens aspartyl aminopeptidase	255	82.609
2072	AB000113	Rattus norvegicus cationic amino acid	1304	85.281
20,2	111111111111111111111111111111111111111	transporter 3	1303	03.201
2073	AC005954	Homo sapiens ZO-3	807	100.000
2074	278543	Caenorhabditis elegans predicted using	310	32.663
		Genefinder	020	
2075	AC003026	Homo sapiens Multiple drug resistance gene MRP1	556	67.500
		(5' partial)		
2076	M80537	Drosophila melanogaster fat protein	482	37.727
2077	L32162	Homo sapiens transcription factor	283	60.526
2078	U38620	Gallus gallus cSH-PTP2	766	94.118
2079	X65157	Mus musculus desmoyokin	271	39.855
2080	AB029290	Homo sapiens actin binding protein ABP620	766	63.542
2081	AB002347	Homo sapiens KIAA0349	216	75.000
2082	X62528	Rattus norvegicus ribonuclease inhibitor	578	42.347
2083	L40933	Homo sapiens phosphoglucomutase-related protein	369	100.000
2084	Z81051	Homo sapiens predicted using Genefinder;	219	42.254
		Similarity in 3' end to Human KIAA0173 protein		
		(TR:Q14679); cDN		
2085	U50078	Homo sapiens p532	388	88.235
2086	D86604	Mus musculus Bach2	1079	92.982
2087	AB026190	Homo sapiens Kelch motif containing protein	377	42.857
2088	AF119816	Oryctolagus cuniculus sodium bicarbonate	694	88.235
		cotransporter		
2089	AE000350	Escherichia coli putative ATP-binding component	1186	98.953
		of a transport system		
l 2090 i	AC005065	Homo sapiens determined by GENSCAN prediction	589	52.874

Γ		and spliced EST; match to EST R84329		
		(NID: 942735)		
	AJ010973	Homo sapiens DEDD protein	186	40.244
2092	AF117210	Homo sapiens host cell factor 2	191	36.905
2093	AB013605	Mus musculus Per3	669	46.275
2094	X64346	Saimiriine herpesvirus 2 ORF 73; ECLF1	179	26.829
2095	Y15054	Rattus norvegicus 70 kD tumor-specific antigen	173	38.202
2096	U55042	Bos taurus myosin X	1676	89.726
2097	AJ010949	Mus musculus calcium channel alpha-2-delta-C	306	92.453
		subunit		
2098	AB020715	Homo sapiens KIAA0908 protein	400	47.863
2099	M28231	Drosophila melanogaster neuroglian precursor	287	32.370
2100	Y17048	Rattus norvegicus caldendrin	269	48.611
2101	D32210	Mus musculus cell surface protein	4497	93.557
2102	X86368	Mus musculus transcription factor	835	72.222
2103	AF023450	Homo sapiens Down syndrome cell adhesion molecule	720	70.064
2104	AL031118	Homo sapiens dJ153G14.3 (novel C2H2 type Zinc Finger protein)	159	22.656
2105	AF082556	Homo sapiens TRF1-interacting ankyrin-related ADP-ribose polymerase	313	32.800
2106	U32517	Saccharomyces cerevisiae Ydr324cp	296	36.691
2107	AC005005	Homo sapiens similar to phosphatidylinositol	1949	98.592
		(4,5)bisphosphate 5-phosphatase; match to PID:g1399105		
2108	J04526	Rattus norvegicus hexokinase	983	74.611
2109	AL032626	Unknown cDNA EST EMBL: D70654 comes from this	472	39.130
		gene; cDNA EST EMBL: 214359 comes from this gene; cDN		
2110		Rattus norvegicus synaptotagmin VI	1371	92.444
2111	U55816	Rattus norvegicus furosemide-sensitive K-Cl cotransporter	4723	98.462
2112	AF038554	Homo sapiens density regulated protein drpl	233	97.143
2113	X56203	Plasmodium falciparum liver stage antigen	304	26.737
2114	AF071172	Homo sapiens HERC2	385	90.476
2115	AB018280	Homo sapiens KIAA0737 protein	173	96.429
2116	L21998	Homo sapiens mucin	408	22.769
2117	AB000275	Homo sapiens DAP-2	369	83.333
2118	AF151110	Mus musculus COP1 protein	203	96.552
2119	AB002379	Homo sapiens KIAA0381	329	50.000
2120	J05499	Rattus norvegicus L-glutamine amidohydrolase	393	100.000
2121	U49974	Homo sapiens mariner transposase	252	78.000
2122	J03796	Homo sapiens erythroid protein 4.1 isoform B	233	29.412
2123	AF013969	Mus musculus antigen containing epitope to monoclonal antibody MMS-85/12	655	55.224
2124	D90828	Escherichia coli Lysostaphin precursor (EC 3.5.1).	946	100.000
2125	D90825	Escherichia coli ORF ID:o334#5; similar to	84	41.176
2126		Homo sapiens hypothetical protein	327	27.376
2127		Dugesia japonica myosin heavy chain	175	24.891
2128	U23516	Caenorhabditis elegans No definition line found	407	33.476
2129		Homo sapiens KIAA0931 protein	523	97.531
2130	AF047347	Homo sapiens adaptor protein X11alpha	265	90.698
2131	D87436	Homo sapiens Similar to Human KIAA0188 protein	234	100.000
2132	AC003040	Arabidopsis thaliana putative nicotinate phosphoribosyltransferase	1483	44.241
2133	บ73199	Mus musculus Rho-guanine nucleotide exchange factor	1694	72.654
2134	X95190	Homo sapiens branched chain acyl-CoA oxidase	273	97.561

2135	AB023212	Homo sapiens KIAA0995 protein	259	89.362
2136	AF103939	Homo sapiens echinoderm microtubule-associated	249	39.706
		protein-like EMAP2	249	39.706
2137	AB028997	Homo sapiens KIAA1074 protein	809	49.123
2138	U82761	Homo sapiens S-adenosyl homocysteine hydrolase homolog	189	100.000
2139	A63607	unidentified unnamed protein product	1113	100.000
2140	D87445	Homo sapiens KIAA0256	198	100.000
2141	AL009171	Drosophila melanogaster 62D9.a	2515	66.415
2142	D42063	Homo sapiens RanBP2 (Ran-binding protein 2)	1014	96.875
2143	L08505	Rattus norvegicus dynein heavy chain	2612	98.272
2144	AF056116	Fugu rubripes All-1 related protein	1045	69.444
2145	AF181639	Drosophila melanogaster BcDNA.GH09358	300	35.333
2146	AL031324	Schizosaccharomyces pombe membrane atpase	630	50.256
2147	Z97211	Schizosaccharomyces pombe kinesin-like protein	321	51.515
2148	AB002379	Homo sapiens KIAA0381	302	48.276
2149	AB002373	Homo sapiens KIAA0376	1155	100.000
2150		Mus musculus cadherin 7 precursor	1048	93.373
2151	Z98866	Unknown predicted using Genefinder; cDNA EST	174	29.508
2131	238800	yk261h2.3 comes from this gene; cDNA EST yk261h2.5 com	1/4	29.508
2152	AF043643	Xenopus laevis NF-protocadherin	665	43.396
2153	U81036	Rattus norvegicus ankyrin binding cell adhesion molecule neurofascin	722	84.848
2154	X62379	Mus musculus formin, isoform IV	744	73.203
2155	U29156	Mus musculus involved in signaling by the	1290	86.047
		epidermal growth factor receptor; Method: conceptual translation supplied by author	1230	
2156	X12517	Homo sapiens C protein (AA 1-159)	247	02 750
2157	D10171		1 .	93.750
2157	D10171	Mus musculus glutamate receptor channel subunit delta-1	1458	97.391
2158	AB028997	Homo sapiens KIAA1074 protein	324	57.303
2159	Y14946	Homo sapiens SPIN protein	870	78.286
2160	AF084396	synthetic construct calmodulin mutant SYNCAM30	153	26.667
2161	AJ243460	Leishmania major proteophosphoglycan	249	30.488
2162	AF091457	Rattus norvegicus zinc finger protein RIN ZF	471	27.716
2163	AF151863	Homo sapiens CGI-105 protein	238	91.667
2164	X70326	Homo sapiens MacMARCKS	68	33.333
2165	U13766	Murine leukemia virus gag-pol polyprotein	159	46.154
2166	D32064	Homo sapiens 2-oxoglutarate dehydrogenase	2420	81.840
2167		nomo saprens z oxogracarace denydrodenase	2420	1 01.010
2168	X98055	Mus musculus glutathione S-transferase theta	302	65.753
2100				
2169	X98055	Mus musculus glutathione S-transferase theta Homo sapiens paraplegin	302 368	65.753 98.305
	X98055 Y16610	Mus musculus glutathione S-transferase theta	302	65.753
2169	X98055 Y16610 AC006530	Mus musculus glutathione S-transferase theta Homo sapiens paraplegin Homo sapiens unknown Drosophila melanogaster ubiquitin activating enzyme	302 368 214	65.753 98.305 86.486 47.143
2169 2170	X98055 Y16610 AC006530 Y15895	Mus musculus glutathione S-transferase theta Homo sapiens paraplegin Homo sapiens unknown Drosophila melanogaster ubiquitin activating enzyme Sus scrofa NADPH oxidase heavy chain subunit	302 368 214 215	65.753 98.305 86.486 47.143
2169 2170 2171 2172	X98055 Y16610 AC006530 Y15895 U02476 AC005053	Mus musculus glutathione S-transferase theta Homo sapiens paraplegin Homo sapiens unknown Drosophila melanogaster ubiquitin activating enzyme Sus scrofa NADPH oxidase heavy chain subunit Homo sapiens match to ESTs AA316181 (NID:g3165221), AA032221 (NID:g1502183), and AI167942 (NID:g3701112)	302 368 214 215 182 370	98.305 86.486 47.143 39.130 46.078
2169 2170 2171 2172 2173	X98055 Y16610 AC006530 Y15895 U02476 AC005053	Mus musculus glutathione S-transferase theta Homo sapiens paraplegin Homo sapiens unknown Drosophila melanogaster ubiquitin activating enzyme Sus scrofa NADPH oxidase heavy chain subunit Homo sapiens match to ESTs AA316181 (NID:g3165221), AA032221 (NID:g1502183), and AI167942 (NID:g3701112) Homo sapiens prohormone convertase 5 precursor	302 368 214 215 182 370	98.305 86.486 47.143 39.130 46.078
2169 2170 2171 2172 2173 2174	X98055 Y16610 AC006530 Y15895 U02476 AC005053 U49114 AF001434	Mus musculus glutathione S-transferase theta Homo sapiens paraplegin Homo sapiens unknown Drosophila melanogaster ubiquitin activating enzyme Sus scrofa NADPH oxidase heavy chain subunit Homo sapiens match to ESTs AA316181 (NID:g3165221), AA032221 (NID:g1502183), and AI167942 (NID:g3701112) Homo sapiens prohormone convertase 5 precursor Homo sapiens Hpast	302 368 214 215 182 370 208 1306	98.305 86.486 47.143 39.130 46.078 93.750 80.000
2169 2170 2171 2172 2173 2174 2175	X98055 Y16610 AC006530 Y15895 U02476 AC005053 U49114 AF001434 Y17867	Mus musculus glutathione S-transferase theta Homo sapiens paraplegin Homo sapiens unknown Drosophila melanogaster ubiquitin activating enzyme Sus scrofa NADPH oxidase heavy chain subunit Homo sapiens match to ESTs AA316181 (NID:g3165221), AA032221 (NID:g1502183), and AI167942 (NID:g3701112) Homo sapiens prohormone convertase 5 precursor Homo sapiens Hpast Homo sapiens tenascin-X	302 368 214 215 182 370	98.305 86.486 47.143 39.130 46.078 93.750 80.000 99.263
2169 2170 2171 2172 2173 2174	X98055 Y16610 AC006530 Y15895 U02476 AC005053 U49114 AF001434 Y17867 Z77663	Mus musculus glutathione S-transferase theta Homo sapiens paraplegin Homo sapiens unknown Drosophila melanogaster ubiquitin activating enzyme Sus scrofa NADPH oxidase heavy chain subunit Homo sapiens match to ESTs AA316181 (NID:g3165221), AA032221 (NID:g1502183), and AI167942 (NID:g3701112) Homo sapiens prohormone convertase 5 precursor Homo sapiens Hpast	302 368 214 215 182 370 208 1306	98.305 86.486 47.143 39.130 46.078 93.750 80.000
2169 2170 2171 2172 2173 2174 2175 2176	X98055 Y16610 AC006530 Y15895 U02476 AC005053 U49114 AF001434 Y17867	Mus musculus glutathione S-transferase theta Homo sapiens paraplegin Homo sapiens unknown Drosophila melanogaster ubiquitin activating enzyme Sus scrofa NADPH oxidase heavy chain subunit Homo sapiens match to ESTs AA316181 (NID:g3165221), AA032221 (NID:g1502183), and AI167942 (NID:g3701112) Homo sapiens prohormone convertase 5 precursor Homo sapiens Hpast Homo sapiens tenascin-X Caenorhabditis elegans cDNA EST yk221b11.5 comes from this gene; cDNA EST yk221b11.3 comes from this gene; cDNA EST yk614h5.3 comes from	302 368 214 215 182 370 208 1306 2768	98.305 86.486 47.143 39.130 46.078 93.750 80.000 99.263
2169 2170 2171 2172 2173 2174 2175 2176	X98055 Y16610 AC006530 Y15895 U02476 AC005053 U49114 AF001434 Y17867 Z77663	Mus musculus glutathione S-transferase theta Homo sapiens paraplegin Homo sapiens unknown Drosophila melanogaster ubiquitin activating enzyme Sus scrofa NADPH oxidase heavy chain subunit Homo sapiens match to ESTs AA316181 (NID:g3165221), AA032221 (NID:g1502183), and AI167942 (NID:g3701112) Homo sapiens prohormone convertase 5 precursor Homo sapiens Hpast Homo sapiens tenascin-X Caenorhabditis elegans cDNA EST yk221b11.5 comes from this gene; cDNA EST yk221b11.3 comes from this gene; cDNA EST yk614h5.3 comes from this gene	302 368 214 215 182 370 208 1306 2768 306	98.305 86.486 47.143 39.130 46.078 93.750 80.000 99.263 26.873

2180	M37190	Homo sapiens ras inhibitor	319	46.610
2181	D90790	Escherichia coli ORF ID:o279#8; similar to	970	100.000
2182	AL050156	Homo sapiens hypothetical protein	189	100.000
2183		Gallus gallus , gene product	245	32.090
2184	X51829	Mus musculus MyD116 protein (AA 1-657)	168	40.000
2185	AF075461	Mus musculus ADP-ribosylation factor-directed	1131	94.220
2103	A1075401	GTPase activating protein isoform a	1131	74.220
2186	L07599	Homo sapiens ribosomal protein S6 kinase 3	182	64.583
2187		Bos taurus myosin X	1149	97.159
2188	S57132	Homo sapiens type XVI collagen alpha 1 chain,	517	45.355
	00.202	alpha 1 (XVI)	"	10.000
2189	L26335	Cavia porcellus zinc finger protein	617	50.602
2190	D42041	Homo sapiens The hal225 gene product is related	226	100.000
		to human alpha-glucosidase.		
2191	AC004240	Homo sapiens match to Z43555 (NID:g572788)	994	99.338
2192	AB020665	Homo sapiens KIAA0858 protein	1454	100.000
2193	AB007407	Mus musculus myeloid zinc finger protein-2	185	68.182
2194	AB018333	Homo sapiens KIAA0790 protein	857	45.954
2195	A68194	unidentified unnamed protein product	793	92.424
2196	U14003	Escherichia coli apparent frameshift in GenBank	940	100.000
		Accession Number X55662		
2197		Mus musculus kinesin motor protein	2353	83.641
2198	D80004	Homo sapiens KIAA0182	246	90.476
2199	AF058693	Mus musculus M-RdgB2 retinal degeneration	212	76.190
	<u> </u>	protein B subtype 2		
2200		Homo sapiens transcriptional activator SRCAP	929	97.857
2201	AB014557	Homo sapiens KIAA0657 protein	499	30.400
2202	AF058693	Mus musculus M-RdgB2 retinal degeneration	1255	81.858
		protein B subtype 2		
2203	AF050183	Rattus norvegicus GTPase activating protein	979	94.969
0004	201020	SynGAP-c		
2204	D21239	Homo sapiens C3G protein	174	89.655
2205	AF125964	Caenorhabditis elegans contains similarity to	249	33.333
2206	U20281	collagens Gallus gallus cell division cycle control	25.6	46 401
2200	020281	protein 37	356	46.491
2207	X05173	Escherichia coli NR(II) (glnL gene product) (AA	792	100.000
2207	A03173	1-349)	192	100.000
2208	D70831	Homo sapiens Zinc-finger protein	727	63.576
2209	X78932	Homo sapiens zinc finger protein	794	80.000
	U87305	Rattus norvegicus transmembrane receptor UNC5H1	796	90.000
2211	M74094	Schizosaccharomyces pombe mitotic control	207	27.128
		protein		
2212	AL022018	Unknown /prediction=(method:""genscan"",	413	55.140
		version:""1.0"", score:""294.38"");		
		/match=(desc:""THIAZ		
2213	AF081825	Rattus norvegicus sodium-dependent high-	980	91.358
		affinity dicarboxylate transporter		
2214	X74904	Gallus gallus alpha-2-macroglobulin receptor	1086	57.795
2215	AF016903	Homo sapiens agrin precursor	1538	95.902
2216	AF038564	Homo sapiens atrophin-1 interacting protein 4	219	39.286
2217	275712	Unknown Similarity with yeast gene L3502.1	45	25.000
		(TREMBL ID G609424); cDNA EST EMBL:D33317 comes		
		from thi		
2218	275537	Caenorhabditis elegans Similarity to	396	47.934
<u></u>		Aspergillus acid phosphatase (TR:G755244)		
2219	U74586	Rattus norvegicus double-stranded RNA specific	688	89.286
-		adenosine deaminase		
2220	M19501	Escherichia coli formylglycineamide	814	96.032

	1	1 11 11 11 11 11 11 11 11 11 11 11 11 1		
0001	140.6605	ribonucleotide synthetase (EC 6.3.5.3)	1120	50 165
2221	M96625	Gallus gallus cardiac muscle tensin	1139	53.165
2222	D25215	Homo sapiens KIAA0032	492	50.694
2223	AF006465	Mus musculus B cell antigen receptor Ig beta associated protein 1	941	80.838
2224	AF125455	Caenorhabditis elegans No definition line found	349	37.368
2225	AL035634	Homo sapiens dJ403L10.1 (SNX9 (Sorting Nexin 9))	555	49.718
2226	Z81125	Unknown cDNA EST yk422g1.5 comes from this gene; cDNA EST yk192c4.5 comes from this gene; cDNA EST	304	26.688
2227	AF176688	Rattus norvegicus sodium/calcium/potassium exchanger NCKX1	216	32.632
2228	X52022	Homo sapiens collagen type VI, alpha 3 chain	2313	99.180
2229	AB004906	Ipomoea purpurea transposase	227	21.290
2230	AL023799	Homo sapiens dJ322P7.1 (zinc finger)	561	64.138
2231	D38255	Homo sapiens CAB1	226	24.176
2232	AL009171	Drosophila melanogaster 62D9.o	1052	59.109
2233	AF060500	Homo sapiens liver specific transporter	803	53,219
2234	Y14946	Homo sapiens SPIN protein	224	100.000
2235	U20554	Drosophila melanogaster UDP-	375	33.945
		glucose:glycoprotein glucosyltransferase precursor		00.310
2236	Z68753	Unknown predicted using Genefinder; Similarity to Glucose-repressible alcoihol dehydrogenase transc	293	43.269
2237	AJ004832	Homo sapiens neuropathy target esterase	1350	72.830
2238	Z80220	Unknown similar to nucleotide binding protein;	182	25.882
		cDNA EST EMBL:M75897 comes from this gene; cDNA EST		
2239	AB000216	Rattus norvegicus CCA3	1343	61.747
2240	Y17832	Human endogenous retrovirus K env protein	616	63.636
2241	AB009024	Homo sapiens capping enzyme 1B	240	97.297
2242	D50455	Rattus norvegicus phodpholipase C delta4	195	84.375
2243	AB002377	Homo sapiens KIAA0379	241	29.949
2244	AL033534	Schizosaccharomyces pombe serine-rich protein	214	28.934
2245	U09367	Homo sapiens zinc finger protein ZNF136	570	60.800
2246	AF019380	Arabidopsis thaliana putative phosphatidylinositol-4-phosphate 5-kinase	172	35.714
2247	U07817	Dictyostelium discoideum glutamine-asparagine rich protein	164	25.532
	AF078786	Caenorhabditis elegans No definition line found	210	32.836
2249	X94335	Saccharomyces cerevisiae YOR3348c	198	26.500
2250	AF100960	Rattus norvegicus protocadherin	282	39.161
2251	AF140674	Homo sapiens zinc metalloprotease ADAMTS6	372	44.030
2252	AF094508	Homo sapiens dentin phosphoryn	166	19.870
2253	AJ010045	Mus musculus guanine nucleotide-exchange factor	1262	69.811
2254	D86971	Homo sapiens no similarities to reported gene products	192	27.717
2255	AF134918	Mus musculus semaphorin subclass 4 member G	952	92.517
2256	AF179369	Mus musculus insulin-like growth factor binding protein 5 protease	517	52.071
2257	D37793	Mus musculus synaptotagminII/IP4BP	348	63.636
2258	AF167320	Mus musculus zinc finger protein ZFP113	626	63.281
2259	AL049688	Homo sapiens hypothetical protein	493	39.512
2260	AB023151	Homo sapiens KIAA0934 protein	2089	73.500
2261	X14805	Mus musculus DNA methyltransferase 1	201	55.814
2262	AL035403	Homo sapiens bK134P22.1 (novel protein similar	552	50.968
		to mouse Immunosuperfamily protein BL2)		

2263	U35376	Homo sapiens repressor transcriptional factor	890	65.922
2264	AB002298	Homo sapiens KIAA0300	1347	99.519
2265	AF056302	Drosophila melanogaster eIF-2alpha kinase	338	48.214
2266		Saccharomyces cerevisiae Ydr365cp	638	37.500
2267	AC003682	Homo sapiens ZNF134	649	49.162
2268	S66427	Homo sapiens retinoblastoma binding protein 1, RBP1	476	47.399
2269	AL121800	Drosophila melanogaster BACN5I9.i	237	28.916
2270	U10281	Sus scrofa gastric mucin	205	24.497
2271	AF111168	Homo sapiens unknown	882	52.000
2272	AL021997	Homo sapiens dJ874C20.1 (Zinc Finger Protein ZFP47 LIKE)	427	63.636
2273	AF013969	Mus musculus antigen containing epitope to monoclonal antibody MMS-85/12	929	73.301
2274	Z68302	Caenorhabditis elegans ZK792.8	280	36.000
2275	AL049667	Homo sapiens hypothetical protein	760	98.305
2276	AF007157	Homo sapiens unknown	139	78.125
2277	X12593	Mus musculus mkr4	1169	71.493
2278	Z46970	Leishmania mexicana secreted acid phosphatase 2 (SAP2)	141	30.667
2279		Homo sapiens Cathepsin O	233	64.286
2280	U64675	Homo sapiens sperm membrane protein BS-63	437	95.714
2281	U80227	Mus musculus ELL	181	34.615
2282	AC004943	Homo sapiens alpha-fetoprotein enhancer-binding protein; 99% identical to A41948 (PID:g283975)	599	68.992
2283	U82535	Homo sapiens fatty acid amide hydrolase	224	69.388
2284	X97674	Homo sapiens transcriptional intermediary factor 2	336	100.000
2285	AC004991	Homo sapiens ATM-like; similar to AL022373 (PID:g3036812)	452	98.529
2286	L19102	Rattus norvegicus sodium dependent sulfate transporter	719	53.171
2287	AB007901	Homo sapiens HH0601 cDNA clone for KIAA0441 has an 82-bp deletion at positions between 1455 and 1538 of the sequence of KIAA0441.	220	100.000
2288	AB023624	Rattus norvegicus SCOP	1147	88.325
2289	272499	Homo sapiens herpesvirus associated ubiquitin- specific protease (HAUSP)	474	100.000
2290	U80953	Caenorhabditis elegans weakly similar in serine repeat region to rat thyroxine-binding globulin (PIR:A39567) and to D. melanogaster ecdysone-inducible protein E75-C (SP:E75C DROME, P13055)	547	32.961
2291	M63510	Rattus norvegicus uromodulin	445	50.000
2292	AF081158	Rattus norvegicus CL3BB	308	72.308
2293	AB020684	Homo sapiens KIAA0877 protein	224	67.308
2294	U10556 U75321	Saccharomyces cerevisiae Yhr074wp Mus musculus chromaffin granule ATPase II	343 601	76.562
		homolog		<u> </u>
2296	M58583	Homo sapiens precerebellin	212	54.237
2297	AF083339	Mus musculus double-stranded RNA-binding zinc finger protein JAZ	358	47.934
2298	AB011370	Mus musculus Ankhzn	816	98.496
2299		Caenorhabditis elegans similar to S. cerevisiae SSD1 protein (SP:SSD1_YEAST, P24276) and to E. coli VACB and Ribonuclease II genes	315	39.231
	AB029034	Homo sapiens KIAA1111 protein	230	34.021
2301	1	Homo sapiens KIAA0700 protein	2128	99.689
2302	U81035	Rattus norvegicus ankyrin binding cell adhesion molecule neurofascin	942	94.000

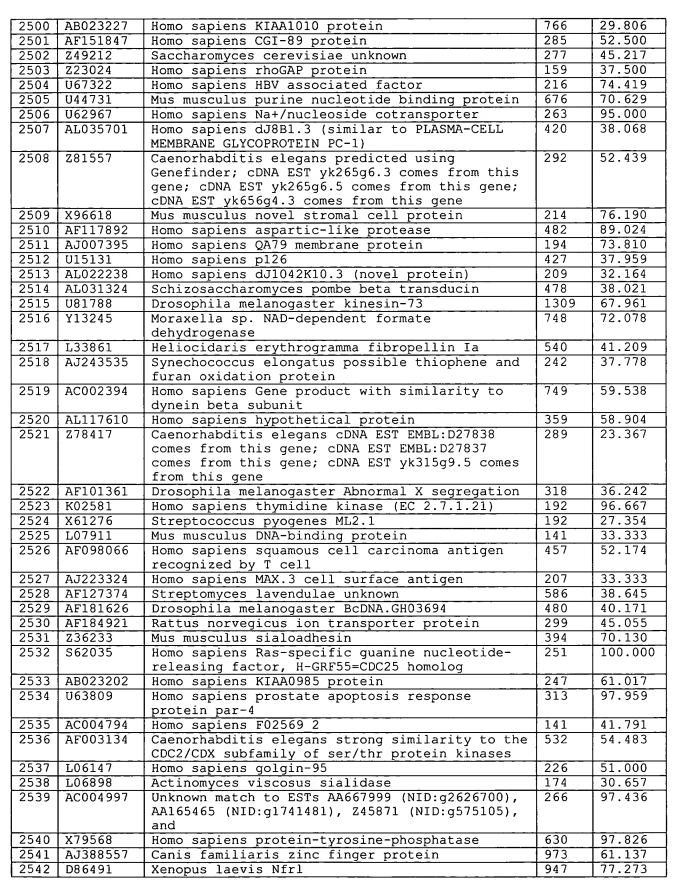
2303	U58203	Mus musculus Lsc	563	42.424
2304	AF047714	Mus musculus melastatin	681	60.784
2305	279598	Unknown cDNA EST EMBL: D34748 comes from this gene; cDNA EST yk218e6.5 comes from this gene; cDNA ES	217	23.894
2306	AB023658	Rattus norvegicus Ca/calmodulin-dependent protein kinase kinase alpha, CaM-kinase kinase alpha	754	87.402
2307	AL031583	Unknown /prediction=(method:""genefinder"", version:""084"", score:""120.68""); /prediction=(meth	384	48.872
2308	AB014566	Homo sapiens KIAA0666 protein	245	28.492
2309	AF071787	Homo sapiens melastatin 1	322	33.523
2310	235597	Unknown Weak similarity with sea squirt nidogen precursor protein (blastp score 71); cDNA EST EMBL:	303	46.875
2311	AF063936	Homo sapiens putative neuronal cell adhesion molecule	235	94.444
2312	S46622	Homo sapiens calcineurin A catalytic subunit, calmodulin-dependent protein phosphatase catalytic subunit, CaM-PrP catalytic subunit	167	100.000
2313	AB007298	Homo sapiens hGLI2	754	69.799
2314	D37918	Escherichia coli Reverse transcriptase like protein	1144	100.000
2315	AC005600	Homo sapiens PKD1	1113	100.000
2316	U41543	Unknown Similar to Rat trg gene product; coded for by C. elegans cDNA yk31e7.5; coded for by C. ele	250	28.994
2317	AC005600	Homo sapiens tuberin	641	94.340
2318	X97675	Homo sapiens plakophilin 2b	226	69.231
2319	U93872	Kaposi's sarcoma-associated herpesvirus ORF 73, contains large complex repeat CR 73	290	28.629
2320	Z12840	Oryctolagus cuniculus protein of unknown function	792	78.231
2321	X97675	Homo sapiens plakophilin 2b	166	92.308
2322	D64000	Synechocystis sp. hypothetical protein	231	33.333
2323	AF023459	Haliotis rufescens lustrin A	235	27.232
2324	AP000058	Aeropyrum pernix 246aa long hypothetical protein	257	34.247
	AF145634	Drosophila melanogaster BcDNA.GH06193	356	33.047
2326	U10281	Sus scrofa gastric mucin	205	21.849
2327	AF176069	Homo sapiens ubiquilin	409	52.941
2328	U09367	Homo sapiens zinc finger protein ZNF136	1331	59.819
2329	AF006465	Mus musculus B cell antigen receptor Ig beta associated protein 1	275	29.474
	AF060152	Homo sapiens METH1 protein	431	43.796
2331		Mus musculus CD10 neutral endopeptidase 24.11	576	58.462
2332	L08505	Rattus norvegicus dynein heavy chain	1620	99.177
2333	AC005169	Arabidopsis thaliana hypothetical protein	79	38.235
2334	AJ000517	Homo sapiens spinocerebellar ataxia 7	402	51.493
2335	AF017433	Homo sapiens putative transcription factor CR53	392	65.306
2336	U41663	Rattus norvegicus neuroligin 3	1003	95.597
2337	AB020678	Homo sapiens KIAA0871 protein	1157	59.871
2338	X70514	Mus musculus nodal	640	64.238
2339	AC002328	Arabidopsis thaliana F2202.20	226	43.678
2340	M77697	Caenorhabditis elegans acid-rich protein	237	31.847
2341	AF143946	Homo sapiens transcriptional activator SRCAP	293	39.394
2342	AF098504	Caenorhabditis elegans contains similarity to protein kinases (Pfam:pkinase.hmm, score:	338	40.449

	T	1140 26)	1	,
2343	U88181	149.36) Caenorhabditis elegans similar to glycerol	632	44.340
2343	000101	kinase	032	44.540
2344	AB014532	Homo sapiens KIAA0632 protein	1956	100.000
2345		Gallus gallus alpha-3 collagen type VI	220	24.667
2346		Mus musculus paladin	1033	80.208
2347	AF144629	Mus musculus SLIT3	405	31.967
2348	AF033339	Caenorhabditis briggsae UNC-45	195	23.897
	AB018293	Homo sapiens KIAA0750 protein	1097	84.896
	X54135	Homo sapiens protein-tyrosine phosphatase	729	79.433
2351	AB012033	Mus musculus keratin 6 alpha	641	71.014
2352		Homo sapiens keratin 1	602	62.805
2353	AB000216	Rattus norvegicus CCA3	201	46.512
2354	Z46241	Unknown carboxyl terminus of the predicted	602	45.685
		protein shows similarity to chimaerin; cDNA EST EMBL: Z14		
2355	AB018348	Homo sapiens KIAA0805 protein	1146	76.168
2356	U81453	Mus musculus myosin VIIa	722	55.959
2357	J04425	Gallus gallus type VI collagen, alpha-2 subunit	433	42.857
	U39573	Homo sapiens salivary peroxidase	203	93.333
	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	240	65.574
2360	X90568	Homo sapiens Protein sequence and annotation	1192	87.156
		available soon via Swiss-Prot; available at		
		present via e-mail from LABEIT@EMBL-		
		Heidelberg.DE	ļ	
2361	U48363	Mus musculus alpha-NAC, muscle-specific form gp220	472	37.860
2362	M87306	Tetrahymena thermophila micronuclear linker histone polyprotein	192	24.567
	AF031834	Caenorhabditis elegans GLY4; ppGaNTase	423	41.714
2364	X69490	Homo sapiens titin	1246	98.980
2365	X90568	Homo sapiens Protein sequence and annotation	1478	98.298
		available soon via Swiss-Prot; available at		
		present via e-mail from LABEIT@EMBL- Heidelberg.DE		
2366	X90569	Homo sapiens elastic titin	207	94.286
2367		Gallus gallus Xin	301	38.462
2368	AB005047	Homo sapiens SH3 binding protein	475	42.162
2369	AC004974	Homo sapiens spa-1-like; similar to AF026504	888	66.176
	1.0001371	(PID: q2555183)		00.170
2370	U37591	Homo sapiens similar to the following EST	518	42.424
		sequences: GenBank Accession Numbers T96213 and		
		T96131; 3'UTR nmd sequence found in U30998		
2371		Plasmodium falciparum liver stage antigen	210	27.273
2372	AL022326	Homo sapiens dJ333H23.1.1 (60S Ribosomal	372	96.552
		Protein L3)		
2373		Mus musculus YSPL-1 form 2	228	49.351
2374	Z93244	Homo sapiens bK116F5.2 (PUTATIVE RhoGAP (CDC42 GTPAse Activating Protein) LIKE protein)	125	77.273
2375	U09413	Homo sapiens zinc finger protein ZNF135	904	54.338
2376	AF162681	Drosophila melanogaster maroon-like protein	327	37.419
2377	X78933	Homo sapiens zinc finger protein	747	77.344
2378	AF168795	Rattus norvegicus schlafen-4	601	38.060
2379	AE000799	Methanobacterium thermoautotrophicum O-linked GlcNAc transferase	235	29.560
2380	Z38061	Saccharomyces cerevisiae mal5, stal, len: 1367, CAI: 0.3, AMYH_YEAST P08640 GLUCOAMYLASE S1 (EC 3.2.1.3)	196	23.973
2381	AC004877	Homo sapiens sco-spondin-mucin-like; similar to	1073	92.453

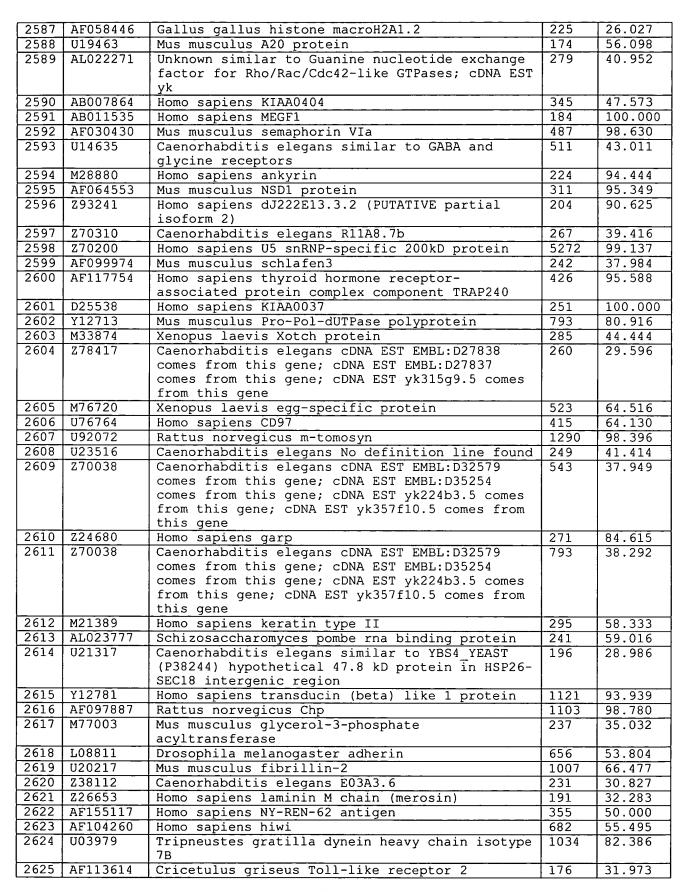
	т	T DOOLG 7 (DTD -1711540)	·	
		P98167 (PID:g1711548); details of intron/exon		
0200	7.000046	structure uncertain	0105	70.007
2382	AF060246	Mus musculus zinc finger protein 106	2195	72.837
2383	AF132478	Mus musculus Esel protein	211	27.155
2384	AF115480	Mus musculus cAMP-dependent Rapl guanine-	168	34.177
0205	AF135440	nucleotide exchange factor	2602	95.608
2385		Mus musculus huntington yeast partner C	3683	
2386	AL049481 AC002451	Arabidopsis thaliana putative protein Homo sapiens pyruvate dehydrogenase kinase	251	100.000
2307	AC002451	isoform 4	251	100.000
2388	AB007897	Homo sapiens KIAA0437	587	42.308
2389	AF016679	Caenorhabditis elegans No definition line found	199	26.776
2390	AB023139	Homo sapiens KIAA0922 protein	423	98.276
2391	Z71264	Caenorhabditis elegans similar to C2 domain	176	27.815
2392	AF053368	Mus musculus lysyl oxidase-related protein 2	1945	95.053
2393	U16726	Chlamydomonas reinhardtii histone H1	164	32.258
2394	AF098066	Homo sapiens squamous cell carcinoma antigen	530	39.437
2334	AFOJOOO	recognized by T cell	330	39.437
2395	AB017615	Mus musculus Eos protein	1081	93.642
2396	AB000199	Rattus norvegicus CCA2 protein	312	82.456
2397	Z73428	Caenorhabditis elegans similar to Zinc finger,	553	67.797
233,	2/3120	C3HC4 type (RING finger); cDNA EST EMBL:D67323	333	07.757
		comes from this gene		
2398	AF032668	Rattus norvegicus rsec15	931	94.667
2399	AF094520	Mus musculus NET1 homolog	305	40.909
2400	D87450	Homo sapiens Similar to D.melanogaster parallel	1273	83.333
2100	20,130	sister chromatids protein	12/3	
2401	L04159	Plasmodium falciparum 3' end., gene product	163	26.738
2402	AJ388557	Canis familiaris zinc finger protein	968	45.918
2403	Z33905	Homo sapiens 43kD Acetylcholine receptor-	972	98.592
		associated protein (Rapsyn)		1 30.032
2404	AB018317	Homo sapiens KIAA0774 protein	267	95.556
2405	AF012273	Mus musculus rho-type GTPase-activating protein	893	43.731
		rhoGAPX-1		1
2406	AF109906	Mus musculus G9A	1276	58.140
2407	U40410	Caenorhabditis elegans C54G7.4 gene product	226	28.571
2408	X51760	Homo sapiens zinc finger protein (583 AA)	391	54.310
2409	M61199	Homo sapiens cleavage signal 1 protein	260	86.364
2410	AC002336	Arabidopsis thaliana hypothetical protein	211	32.759
2411	AF186273	Homo sapiens leucine-rich repeats containing F-	249	30.994
		box protein FBL3		
2412	AC005614	Homo sapiens F23269_2	701	58.974
2413	U03976	Tripneustes gratilla dynein heavy chain isotype	494	73.958
		5C		
2414	AF061758	Gallus gallus poly(A) polymerase II	1460	83.794
	AF184226	Drosophila melanogaster BcDNA.GH09045	793	38.692
2416	AB012223	Canis familiaris ORF2	288	71.186
2417	บ37263	Homo sapiens KRAB zinc finger protein; Method:	256	66.102
		conceptual translation supplied by author		
2418	L09742	Carassius auratus gene, complete cds., gene	146	40.449
		product		<u> </u>
2419	AF038007	Homo sapiens FIC1	701	51.643
2420	Z73424	Caenorhabditis elegans C44B9.1	352	26.254
2421	AF117675	Homo sapiens nebulin	183	71.053
2422	X64697	Homo sapiens titin	1593	98.016
2423	X90568	Homo sapiens Protein sequence and annotation	953	100.000
		available soon via Swiss-Prot; available at		
		present via e-mail from LABEIT@EMBL-		
L		Heidelberg.DE		<u> </u>

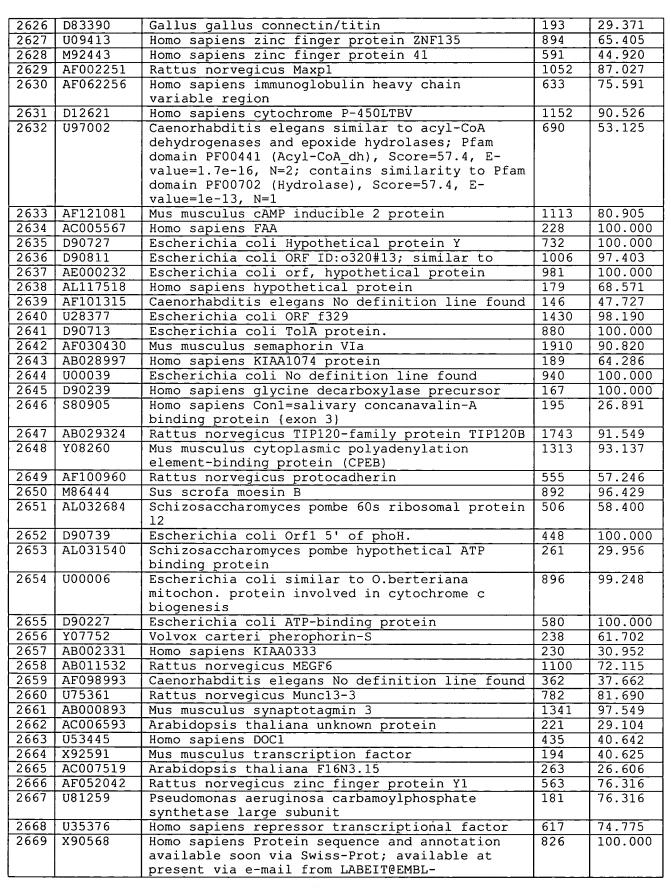
2424	X90569	Homo sapiens elastic titin	1126	98.830
2425	AF060246	Mus musculus zinc finger protein 106	574	89.362
2426	X90568	Homo sapiens Protein sequence and annotation	1391	100.000
		available soon via Swiss-Prot; available at		
		present via e-mail from LABEIT@EMBL-		1
		Heidelberg.DE		
2427	X90569	Homo sapiens elastic titin	3791	99.307
2428	U41534	Caenorhabditis elegans Contains similarity to	332	37.500
		Pfam domain: PF00271 (helicase_C), Score=49.0,		1
		E-value=3.3e-11, N=1	ļ	
	AB014542	Homo sapiens KIAA0642 protein	455	54.610
2430	AB029335	Halocynthia roretzi HrPET-3	243	36.641
2431	AB029018	Homo sapiens KIAA1095 protein	584	49.038
2432	AL031733	Homo sapiens dJ455J7.1 (cellular repressor of	443	39.416
2422	X14355	E1A-stimulated genes CREG)	154	39.241
2433	AB011370	Homo sapiens FcRI b form (AA 1-344) Mus musculus Ankhzn	193	96.774
2435	Z70269	Unknown predicted using Genefinder; Similarity	501	58.400
2433	270203	to Yeast hypothetical protein YHG1	301	30.400
		(SW:YHG1 YEAST);		
2436	X97650	Mus musculus myosin-I	878	90.411
2437	U11843	Homo sapiens fructose transporter	356	65.333
2438	AC003007	Homo sapiens KIAA0220	333	100.000
2439	U91318	Homo sapiens pM5 (3' partial)	246	70.968
2440	AC003681	Homo sapiens match to AB002369 (NID:g2224682)	295	60.606
2441	D87845	Homo sapiens platelet-activating factor	202	83.333
		acetylhydrolase 2		
2442	Z22181	Caenorhabditis elegans cDNA EST CEESN66F comes	199	34.641
		from this gene; cDNA EST yk395c9.5 comes from		
0.110		this gene		
2443	Z83225	Caenorhabditis elegans similar to ankyrin	266	35.075
		domain; cDNA EST yk219g4.5 comes from this		
		gene; cDNA EST yk590g11.3 comes from this gene;		
2444	AF045640	cDNA EST yk598d5.3 comes from this gene Caenorhabditis elegans No definition line found	385	47.518
2445	AB018336	Homo sapiens KIAA0793 protein	230	34.711
2446	AB011116	Homo sapiens KIAA0544 protein	628	70.714
2447	AC006550	Unknown Identical to qb U12536 3-	677	55.191
	110000000	methylcrotonyl-CoA carboxylase precursor	0,,	33.131
		protein from Arabidopsi		
2448	X64697	Homo sapiens titin	903	99.259
2449		Equus caballus high affinity immunoglobulin E	198	50.943
		receptor alpha subunit		
2450	AB028954	Homo sapiens KIAA1031 protein	177	45.283
2451	AF040944	Mus musculus P140	413	41.317
2452	AL021392	Homo sapiens dJ439F8.2 (novel KIAA0279 LIKE	191	32.090
		cadherin domain protein (similar to mouse		
		Celsr1, rat MEGF2))		
2453	AL022322	Homo sapiens bK228A9.1 (85 KDA CALCIUM-	175	100.000
2454	767000	INDEPENDENT PHOSPHOLIPASE A2)	1.67	1 22 225
2454	267990	Caenorhabditis elegans similar to cuticle	167	37.705
2455	U41543	collagen Unknown Similar to Rat trg gene product; coded	100	28.571
2433	041543		199	28.5/1
		for by C. elegans cDNA yk31e7.5; coded for by C. ele		
2456	D87908	Mus musculus nuclear protein np95	244	62.963
2457	Z73428	Caenorhabditis elegans similar to Zinc finger,	604	69.697
/		C3HC4 type (RING finger); cDNA EST EMBL:D67323	004	05.05/
		comes from this gene		
			1	

2458	Z50142	Cahi ang ngaha mamunang mamba umknoum	213	34.821
	AF169411	Schizosaccharomyces pombe unknown	423	92.537
2459	M96629	Rattus norvegicus PAPIN Canis familiaris homologue to sec61	570	95.604
2460	AF098070		153	25.166
2461		Drosophila melanogaster Lisl homolog	628	71.875
2462	299708	Arabidopsis thaliana actin interacting protein		
2463	Z82268	Unknown cDNA EST yk338g10.5 comes from this	208	48.276
		gene; cDNA EST EMBL:D27934 comes from this		1
2464	S45710	gene; cDNA E	254	36.496
2464	X90849	Homo sapiens Fc gamma receptor	2241	88.525
	AB023230	Gallus gallus polybromo 1 protein		58.582
2466	AF067136	Homo sapiens KIAA1013 protein	1012 203	37.374
2467	AF06/136	Homo sapiens protein phosphatase-1 regulatory subunit 7 alpha2	203	31.3/4
2468	U24070	Rattus norvegicus Munc13-1	1637	83.013
2469	Y00826	Rattus norvegicus gp210 (AA 1-1886)	1915	86.604
2470	AB002365	Homo sapiens kIAA0367	321	53.846
2470	U41552	Caenorhabditis elegans No definition line found	460	33.955
2471	AF083424	Ateline herpesvirus 3 orf 48	275	29.082
2472	Y16008		1523	60.227
2473	M30270	Mus musculus neuronal-STOP protein Torpedo californica electromotor neuron-	507	54.225
24/4	M302/0	associated protein] 307	74.22
2475	AF173829	Mus musculus neuropathy target esterase homolog	1046	68.778
2476	AF057019	Dictyostelium discoideum interaptin	183	21.918
2477	AF145690	Drosophila melanogaster BcDNA.LD28657	787	60.317
2478	L39891	Homo sapiens polycystic kidney disease-	772	96.748
2470	123631	associated protein	' ' 2	90.740
2479	X58681	Saccharomyces cerevisiae the product of PRP22	171	59.524
24/5	N30001	gene acts late in the splicing of yeast pre-	1 / 1	55.524
		messenger RNA, mediating the release of the		
		spliced mRNA from the spliceosome		
2480	D86966	Homo sapiens similarto human ZFY protein.	437	48.630
2481	AB029035	Homo sapiens KIAA1112 protein	505	63.248
2482	U43194	Mus musculus rhophilin		
	1 043194		1 215	136.290 I
1 2483			215 175	36.290 89.655
2483	AF087697	Rattus norvegicus dlg 3	175	89.655
2484	AF087697 AB014533	Rattus norvegicus dlg 3 Homo sapiens KIAA0633 protein	175 2237	89.655 99.707
2484 2485	AF087697 AB014533 X86683	Rattus norvegicus dlg 3 Homo sapiens KIAA0633 protein Drosophila melanogaster deep orange (dor)	175 2237 355	89.655 99.707 29.218
2484 2485 2486	AF087697 AB014533 X86683 AB025411	Rattus norvegicus dlg 3 Homo sapiens KIAAO633 protein Drosophila melanogaster deep orange (dor) Mus musculus Ten-m2	175 2237 355 1087	89.655 99.707 29.218 98.137
2484 2485	AF087697 AB014533 X86683	Rattus norvegicus dlg 3 Homo sapiens KIAA0633 protein Drosophila melanogaster deep orange (dor) Mus musculus Ten-m2 Arabidopsis thaliana putative	175 2237 355	89.655 99.707 29.218
2484 2485 2486 2487	AF087697 AB014533 X86683 AB025411	Rattus norvegicus dlg 3 Homo sapiens KIAA0633 protein Drosophila melanogaster deep orange (dor) Mus musculus Ten-m2 Arabidopsis thaliana putative phosphatidylinositol-4-phosphate 5-kinase	175 2237 355 1087 295	89.655 99.707 29.218 98.137 38.261
2484 2485 2486	AF087697 AB014533 X86683 AB025411 AF019380	Rattus norvegicus dlg 3 Homo sapiens KIAA0633 protein Drosophila melanogaster deep orange (dor) Mus musculus Ten-m2 Arabidopsis thaliana putative	175 2237 355 1087	89.655 99.707 29.218 98.137
2484 2485 2486 2487	AF087697 AB014533 X86683 AB025411 AF019380	Rattus norvegicus dlg 3 Homo sapiens KIAA0633 protein Drosophila melanogaster deep orange (dor) Mus musculus Ten-m2 Arabidopsis thaliana putative phosphatidylinositol-4-phosphate 5-kinase Dictyostelium discoideum gelation factor (AA 1	175 2237 355 1087 295	89.655 99.707 29.218 98.137 38.261
2484 2485 2486 2487	AF087697 AB014533 X86683 AB025411 AF019380 X15430	Rattus norvegicus dlg 3 Homo sapiens KIAA0633 protein Drosophila melanogaster deep orange (dor) Mus musculus Ten-m2 Arabidopsis thaliana putative phosphatidylinositol-4-phosphate 5-kinase Dictyostelium discoideum gelation factor (AA 1 - 857)	175 2237 355 1087 295	89.655 99.707 29.218 98.137 38.261
2484 2485 2486 2487 2488	AF087697 AB014533 X86683 AB025411 AF019380 X15430 AB014600	Rattus norvegicus dlg 3 Homo sapiens KIAA0633 protein Drosophila melanogaster deep orange (dor) Mus musculus Ten-m2 Arabidopsis thaliana putative phosphatidylinositol-4-phosphate 5-kinase Dictyostelium discoideum gelation factor (AA 1 - 857) Homo sapiens KIAA0700 protein Rattus rattus thyrotropin-releasing hormone degrading enzyme	175 2237 355 1087 295 243	89.655 99.707 29.218 98.137 38.261 37.097
2484 2485 2486 2487 2488 2489 2490	AF087697 AB014533 X86683 AB025411 AF019380 X15430 AB014600 X80535 AB002086	Rattus norvegicus dlg 3 Homo sapiens KIAA0633 protein Drosophila melanogaster deep orange (dor) Mus musculus Ten-m2 Arabidopsis thaliana putative phosphatidylinositol-4-phosphate 5-kinase Dictyostelium discoideum gelation factor (AA 1 - 857) Homo sapiens KIAA0700 protein Rattus rattus thyrotropin-releasing hormone degrading enzyme Rattus norvegicus p47	175 2237 355 1087 295 243 298 921	89.655 99.707 29.218 98.137 38.261 37.097 88.462 94.521 41.129
2484 2485 2486 2487 2488 2489 2490	AF087697 AB014533 X86683 AB025411 AF019380 X15430 AB014600 X80535 AB002086 X53959	Rattus norvegicus dlg 3 Homo sapiens KIAA0633 protein Drosophila melanogaster deep orange (dor) Mus musculus Ten-m2 Arabidopsis thaliana putative phosphatidylinositol-4-phosphate 5-kinase Dictyostelium discoideum gelation factor (AA 1 - 857) Homo sapiens KIAA0700 protein Rattus rattus thyrotropin-releasing hormone degrading enzyme Rattus norvegicus p47 Drosophila melanogaster slit protein	175 2237 355 1087 295 243 298 921 308 228	89.655 99.707 29.218 98.137 38.261 37.097 88.462 94.521 41.129 35.211
2484 2485 2486 2487 2488 2489 2490	AF087697 AB014533 X86683 AB025411 AF019380 X15430 AB014600 X80535 AB002086	Rattus norvegicus dlg 3 Homo sapiens KIAA0633 protein Drosophila melanogaster deep orange (dor) Mus musculus Ten-m2 Arabidopsis thaliana putative phosphatidylinositol-4-phosphate 5-kinase Dictyostelium discoideum gelation factor (AA 1 - 857) Homo sapiens KIAA0700 protein Rattus rattus thyrotropin-releasing hormone degrading enzyme Rattus norvegicus p47	175 2237 355 1087 295 243 298 921	89.655 99.707 29.218 98.137 38.261 37.097 88.462 94.521 41.129
2484 2485 2486 2487 2488 2489 2490 2491 2492 2493	AF087697 AB014533 X86683 AB025411 AF019380 X15430 AB014600 X80535 AB002086 X53959 AF055357	Rattus norvegicus dlg 3 Homo sapiens KIAA0633 protein Drosophila melanogaster deep orange (dor) Mus musculus Ten-m2 Arabidopsis thaliana putative phosphatidylinositol-4-phosphate 5-kinase Dictyostelium discoideum gelation factor (AA 1 - 857) Homo sapiens KIAA0700 protein Rattus rattus thyrotropin-releasing hormone degrading enzyme Rattus norvegicus p47 Drosophila melanogaster slit protein Arabidopsis thaliana respiratory burst oxidase protein D	175 2237 355 1087 295 243 298 921 308 228 238	89.655 99.707 29.218 98.137 38.261 37.097 88.462 94.521 41.129 35.211 54.386
2484 2485 2486 2487 2488 2489 2490 2491 2492	AF087697 AB014533 X86683 AB025411 AF019380 X15430 AB014600 X80535 AB002086 X53959	Rattus norvegicus dlg 3 Homo sapiens KIAA0633 protein Drosophila melanogaster deep orange (dor) Mus musculus Ten-m2 Arabidopsis thaliana putative phosphatidylinositol-4-phosphate 5-kinase Dictyostelium discoideum gelation factor (AA 1 - 857) Homo sapiens KIAA0700 protein Rattus rattus thyrotropin-releasing hormone degrading enzyme Rattus norvegicus p47 Drosophila melanogaster slit protein Arabidopsis thaliana respiratory burst oxidase protein D Homo sapiens alternatively spliced product	175 2237 355 1087 295 243 298 921 308 228	89.655 99.707 29.218 98.137 38.261 37.097 88.462 94.521 41.129 35.211
2484 2485 2486 2487 2488 2489 2490 2491 2492 2493	AF087697 AB014533 X86683 AB025411 AF019380 X15430 AB014600 X80535 AB002086 X53959 AF055357 U22376	Rattus norvegicus dlg 3 Homo sapiens KIAA0633 protein Drosophila melanogaster deep orange (dor) Mus musculus Ten-m2 Arabidopsis thaliana putative phosphatidylinositol-4-phosphate 5-kinase Dictyostelium discoideum gelation factor (AA 1 - 857) Homo sapiens KIAA0700 protein Rattus rattus thyrotropin-releasing hormone degrading enzyme Rattus norvegicus p47 Drosophila melanogaster slit protein Arabidopsis thaliana respiratory burst oxidase protein D Homo sapiens alternatively spliced product using exon 13A	175 2237 355 1087 295 243 298 921 308 228 238	89.655 99.707 29.218 98.137 38.261 37.097 88.462 94.521 41.129 35.211 54.386 80.233
2484 2485 2486 2487 2488 2489 2490 2491 2492 2493 2494	AF087697 AB014533 X86683 AB025411 AF019380 X15430 AB014600 X80535 AB002086 X53959 AF055357 U22376 AB023230	Rattus norvegicus dlg 3 Homo sapiens KIAA0633 protein Drosophila melanogaster deep orange (dor) Mus musculus Ten-m2 Arabidopsis thaliana putative phosphatidylinositol-4-phosphate 5-kinase Dictyostelium discoideum gelation factor (AA 1 - 857) Homo sapiens KIAA0700 protein Rattus rattus thyrotropin-releasing hormone degrading enzyme Rattus norvegicus p47 Drosophila melanogaster slit protein Arabidopsis thaliana respiratory burst oxidase protein D Homo sapiens alternatively spliced product using exon 13A Homo sapiens KIAA1013 protein	175 2237 355 1087 295 243 298 921 308 228 238 464	89.655 99.707 29.218 98.137 38.261 37.097 88.462 94.521 41.129 35.211 54.386 80.233
2484 2485 2486 2487 2488 2489 2490 2491 2492 2493 2494 2495 2496	AF087697 AB014533 X86683 AB025411 AF019380 X15430 AB014600 X80535 AB002086 X53959 AF055357 U22376 AB023230 AJ007395	Rattus norvegicus dlg 3 Homo sapiens KIAA0633 protein Drosophila melanogaster deep orange (dor) Mus musculus Ten-m2 Arabidopsis thaliana putative phosphatidylinositol-4-phosphate 5-kinase Dictyostelium discoideum gelation factor (AA 1 - 857) Homo sapiens KIAA0700 protein Rattus rattus thyrotropin-releasing hormone degrading enzyme Rattus norvegicus p47 Drosophila melanogaster slit protein Arabidopsis thaliana respiratory burst oxidase protein D Homo sapiens alternatively spliced product using exon 13A Homo sapiens KIAA1013 protein Homo sapiens QA79 membrane protein	175 2237 355 1087 295 243 298 921 308 228 238 464	89.655 99.707 29.218 98.137 38.261 37.097 88.462 94.521 41.129 35.211 54.386 80.233 76.357 49.689
2484 2485 2486 2487 2488 2489 2490 2491 2492 2493 2494	AF087697 AB014533 X86683 AB025411 AF019380 X15430 AB014600 X80535 AB002086 X53959 AF055357 U22376 AB023230	Rattus norvegicus dlg 3 Homo sapiens KIAA0633 protein Drosophila melanogaster deep orange (dor) Mus musculus Ten-m2 Arabidopsis thaliana putative phosphatidylinositol-4-phosphate 5-kinase Dictyostelium discoideum gelation factor (AA 1 - 857) Homo sapiens KIAA0700 protein Rattus rattus thyrotropin-releasing hormone degrading enzyme Rattus norvegicus p47 Drosophila melanogaster slit protein Arabidopsis thaliana respiratory burst oxidase protein D Homo sapiens alternatively spliced product using exon 13A Homo sapiens KIAA1013 protein Homo sapiens QA79 membrane protein Caenorhabditis elegans predicted using	175 2237 355 1087 295 243 298 921 308 228 238 464	89.655 99.707 29.218 98.137 38.261 37.097 88.462 94.521 41.129 35.211 54.386 80.233
2484 2485 2486 2487 2488 2489 2490 2491 2492 2493 2494 2495 2496	AF087697 AB014533 X86683 AB025411 AF019380 X15430 AB014600 X80535 AB002086 X53959 AF055357 U22376 AB023230 AJ007395	Rattus norvegicus dlg 3 Homo sapiens KIAA0633 protein Drosophila melanogaster deep orange (dor) Mus musculus Ten-m2 Arabidopsis thaliana putative phosphatidylinositol-4-phosphate 5-kinase Dictyostelium discoideum gelation factor (AA 1 - 857) Homo sapiens KIAA0700 protein Rattus rattus thyrotropin-releasing hormone degrading enzyme Rattus norvegicus p47 Drosophila melanogaster slit protein Arabidopsis thaliana respiratory burst oxidase protein D Homo sapiens alternatively spliced product using exon 13A Homo sapiens KIAA1013 protein Homo sapiens QA79 membrane protein Caenorhabditis elegans predicted using Genefinder; cDNA EST yk673c5.3 comes from this	175 2237 355 1087 295 243 298 921 308 228 238 464	89.655 99.707 29.218 98.137 38.261 37.097 88.462 94.521 41.129 35.211 54.386 80.233 76.357 49.689
2484 2485 2486 2487 2488 2489 2490 2491 2492 2493 2494 2495 2496 2497	AF087697 AB014533 X86683 AB025411 AF019380 X15430 AB014600 X80535 AB002086 X53959 AF055357 U22376 AB023230 AJ007395 AL021497	Rattus norvegicus dlg 3 Homo sapiens KIAA0633 protein Drosophila melanogaster deep orange (dor) Mus musculus Ten-m2 Arabidopsis thaliana putative phosphatidylinositol-4-phosphate 5-kinase Dictyostelium discoideum gelation factor (AA 1 - 857) Homo sapiens KIAA0700 protein Rattus rattus thyrotropin-releasing hormone degrading enzyme Rattus norvegicus p47 Drosophila melanogaster slit protein Arabidopsis thaliana respiratory burst oxidase protein D Homo sapiens alternatively spliced product using exon 13A Homo sapiens KIAA1013 protein Homo sapiens QA79 membrane protein Caenorhabditis elegans predicted using Genefinder; cDNA EST yk673c5.3 comes from this gene	175 2237 355 1087 295 243 298 921 308 228 238 464 1385 440 254	89.655 99.707 29.218 98.137 38.261 37.097 88.462 94.521 41.129 35.211 54.386 80.233 76.357 49.689 36.585
2484 2485 2486 2487 2488 2489 2490 2491 2492 2493 2494 2495 2496	AF087697 AB014533 X86683 AB025411 AF019380 X15430 AB014600 X80535 AB002086 X53959 AF055357 U22376 AB023230 AJ007395	Rattus norvegicus dlg 3 Homo sapiens KIAA0633 protein Drosophila melanogaster deep orange (dor) Mus musculus Ten-m2 Arabidopsis thaliana putative phosphatidylinositol-4-phosphate 5-kinase Dictyostelium discoideum gelation factor (AA 1 - 857) Homo sapiens KIAA0700 protein Rattus rattus thyrotropin-releasing hormone degrading enzyme Rattus norvegicus p47 Drosophila melanogaster slit protein Arabidopsis thaliana respiratory burst oxidase protein D Homo sapiens AIAA1013 protein Homo sapiens KIAA1013 protein Homo sapiens QA79 membrane protein Caenorhabditis elegans predicted using Genefinder; cDNA EST yk673c5.3 comes from this gene Schizosaccharomyces pombe putative major	175 2237 355 1087 295 243 298 921 308 228 238 464	89.655 99.707 29.218 98.137 38.261 37.097 88.462 94.521 41.129 35.211 54.386 80.233 76.357 49.689
2484 2485 2486 2487 2488 2489 2490 2491 2492 2493 2494 2495 2496 2497	AF087697 AB014533 X86683 AB025411 AF019380 X15430 AB014600 X80535 AB002086 X53959 AF055357 U22376 AB023230 AJ007395 AL021497 Z54308	Rattus norvegicus dlg 3 Homo sapiens KIAA0633 protein Drosophila melanogaster deep orange (dor) Mus musculus Ten-m2 Arabidopsis thaliana putative phosphatidylinositol-4-phosphate 5-kinase Dictyostelium discoideum gelation factor (AA 1 - 857) Homo sapiens KIAA0700 protein Rattus rattus thyrotropin-releasing hormone degrading enzyme Rattus norvegicus p47 Drosophila melanogaster slit protein Arabidopsis thaliana respiratory burst oxidase protein D Homo sapiens alternatively spliced product using exon 13A Homo sapiens KIAA1013 protein Homo sapiens QA79 membrane protein Caenorhabditis elegans predicted using Genefinder; cDNA EST yk673c5.3 comes from this gene Schizosaccharomyces pombe putative major facilitator superfamily protein	175 2237 355 1087 295 243 298 921 308 228 238 464 1385 440 254	89.655 99.707 29.218 98.137 38.261 37.097 88.462 94.521 41.129 35.211 54.386 80.233 76.357 49.689 36.585
2484 2485 2486 2487 2488 2489 2490 2491 2492 2493 2494 2495 2496 2497	AF087697 AB014533 X86683 AB025411 AF019380 X15430 AB014600 X80535 AB002086 X53959 AF055357 U22376 AB023230 AJ007395 AL021497	Rattus norvegicus dlg 3 Homo sapiens KIAA0633 protein Drosophila melanogaster deep orange (dor) Mus musculus Ten-m2 Arabidopsis thaliana putative phosphatidylinositol-4-phosphate 5-kinase Dictyostelium discoideum gelation factor (AA 1 - 857) Homo sapiens KIAA0700 protein Rattus rattus thyrotropin-releasing hormone degrading enzyme Rattus norvegicus p47 Drosophila melanogaster slit protein Arabidopsis thaliana respiratory burst oxidase protein D Homo sapiens AIAA1013 protein Homo sapiens KIAA1013 protein Homo sapiens QA79 membrane protein Caenorhabditis elegans predicted using Genefinder; cDNA EST yk673c5.3 comes from this gene Schizosaccharomyces pombe putative major	175 2237 355 1087 295 243 298 921 308 228 238 464 1385 440 254	89.655 99.707 29.218 98.137 38.261 37.097 88.462 94.521 41.129 35.211 54.386 80.233 76.357 49.689 36.585



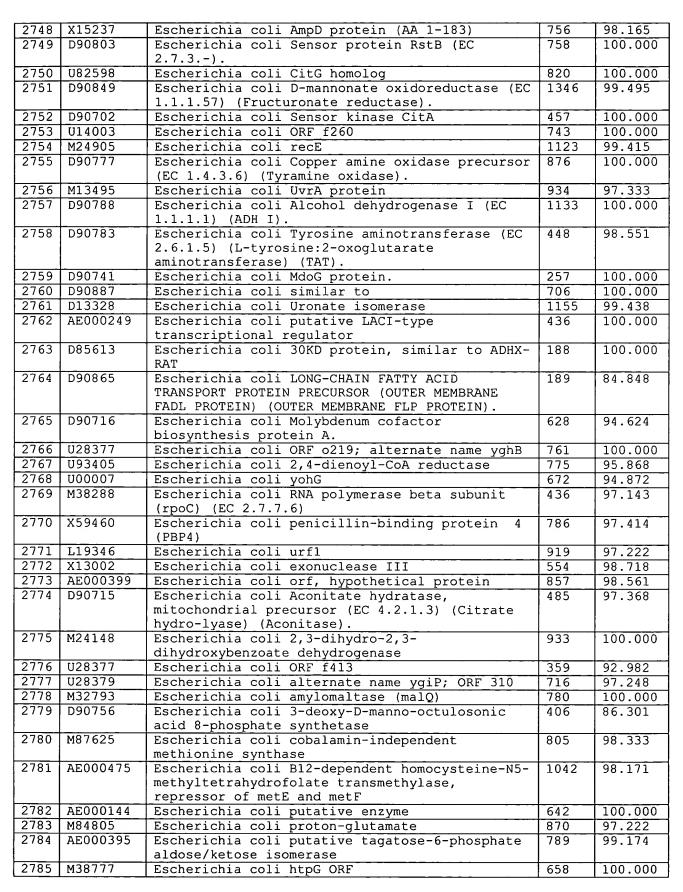






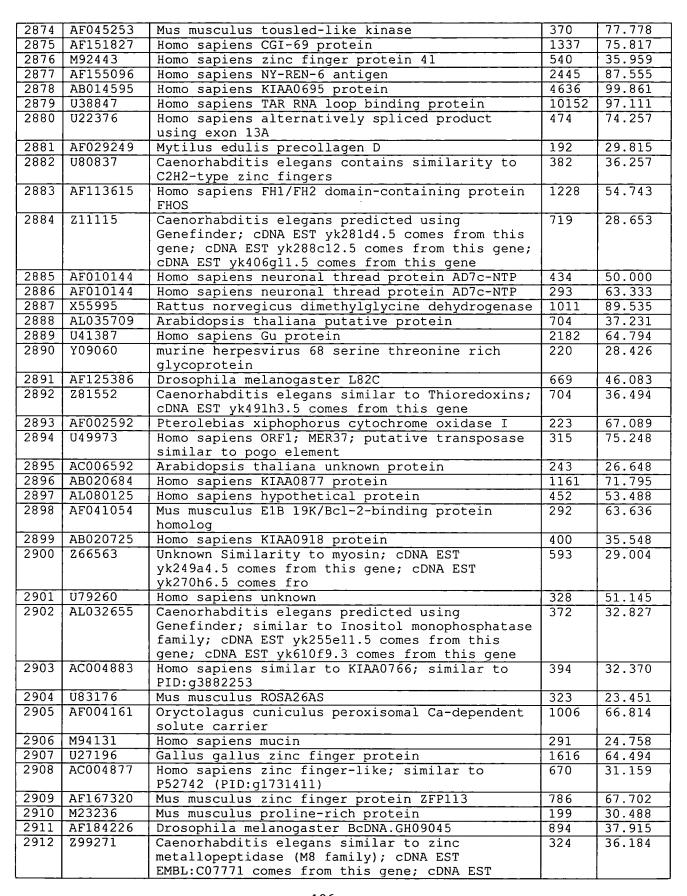
r		Heidelberg.DE	1	T
2670	AJ006486	Mus musculus RNA binding protein	178	92.857
2671	X90568	Homo sapiens Protein sequence and annotation	1021	99.412
		available soon via Swiss-Prot; available at		
		present via e-mail from LABEIT@EMBL-		
		Heidelberg.DE		
2672	AF034611	Homo sapiens intrinsic factor-B12 receptor	503	26.196
		precursor; cubilin		
2673	X75603	Pleurodeles waltl fibroblast growth factor	536	32.738
0674	775507	receptor 3	5.00	00.000
2674	275527	Caenorhabditis elegans predicted using Genefinder; Similarity to Human ARNT	560	28.820
		interacting protein (TR:G1144013)		
2675	U88167	Caenorhabditis elegans contains similarity to	557	29.268
2073	000107	C2 domains	337	29.200
2676	AF102875	Mus musculus mismatch-specific thymine-DNA	156	95.652
	112 1020 / 0	glycosylate		33.032
2677	AF053700	Homo sapiens deltex	250	40.952
2678	AB002377	Homo sapiens KIAA0379	2295	68.738
2679	D13635	Homo sapiens KIAA0010	203	96.667
2680	AB018274	Homo sapiens KIAA0731 protein	601	82.524
2681	D80001	Homo sapiens similar to hypothetical protein	833	100.000
		D4478 of S.cerevisiae.		
2682	U84725	Mus musculus GATA-5 cardiac transcription	687	77.600
		factor		
2683	AF003535	Homo sapiens ORF2-like protein	320	78.947
2684	U12336	Rattus rattus acetylcholine receptor alpha 9	293	69.841
2605	1150070	subunit	120	07 100
2685 2686	U50078 D38582	Homo sapiens p532	430	97.183
2687	D90828	Escherichia coli FhiA Escherichia coli Pyruvate kinase (EC 2.7.1.40)	1092 793	96.591
2688	U00039	Escherichia coli No definition line found	820	100.000
2689	M80458	Escherichia coli biotin carboxylase	522	100.000
2690		Escherichia coli vacB gene product	993	93.671
2691	D90725	Escherichia coli ORF ID:o212#3	1008	99.342
2692	M18747	Escherichia coli glutamate synthase large	716	98.230
		subunit (EC 2.6.1.53)		
2693	D90840	Escherichia coli Transcriptional activator	745	100.000
		protein MetR.		
2694	D90876	Escherichia coli dihydrodipicolinate synthase	498	97.403
		(EC 4.2.1.52)		
2695	AE000412	Escherichia coli putative transport	1123	98.315
2696	M11689	Escherichia coli positive regulatory protein	436	100.000
2697	L08399	Escherichia coli peripheral membrane protein	1199	98.907
2698	D90699	Escherichia coli Sensor protein copS (EC	938	100.000
2699	X69089	2.7.3).	1220	100 000
2700	L13601	Homo sapiens 165kD protein	339 749	100.000
2701	D90868	Escherichia coli homoserine kinase Escherichia coli PUTATIVE PEPTIDASE IN GCVT-	693	100.000 97.273
2701	D 50000	SPOILIAA INTERGENIC REGION (EC 3.4).	093	31.213
2702	Z19601	Escherichia coli ORF, trpS. Hall C.V., van	538	68.800
	513001	Cleemput M., Muench K.H., Yanofsky C.; J. Biol.	330	00.000
		Chem. 257(11):6132-6136(1982)		
2703	D90701	Escherichia coli Aspartate transaminase (EC	860	89.189
		2.6.1.1)		
2704	U70214	Escherichia coli hypothetical	540	100.000
2705	D90824	Escherichia coli Probable ATP-dependent	909	98.582
		helicase dinG homolog.		
2706	K01174	Escherichia coli DnaB replication protein	834	100.000





2787 V00247	0706	1 11005 4 4		11000	1100 000
2788 U82664 Escherichia coli Smilar to E. coll ydhB 868 97.825 2789 D08025 Escherichia coli ORF ID10334H7; similar to	2786	Y00544	Escherichia coli PufX protein	1000	100.000
2799 D90825 Escherichia coli QRF [D1:033477; similar to 1601 100.000					
2790 D90715 Escherichia coli Aconitate hydratase, mitochondrial precursor (EC 4.2.1.3) (Citrate hydro-lyase) (Aconitase).					
mitochondrial precursor (EC 1.2.1.3) (Citrate hydro-lyase) (Aconitase).					
hydro-lyase) (Aconitase).	2790	D90715		536	86.598
2791 D10483 Escherichia coli 4-coumarate-CoA homolog(PER, SO1667) homolog(PER, SO					
Nomolog (PIR:SO1667)					
1792 D83536	2791	D10483		461	100.000
Chain (EC 2.7.7.7) Chain (EC 2.7.7.7) Chain (EC 2.7.7.7) Chain (EC 2.7.7.7) Chain (EC 2.7.7.7) Chain (EC 2.7.7.7) Chain (EC 2.7.7.7) Chain (EC 2.7.7.7) Chain (EC 2.7.7.7) Chain (EC 2.7.7.7) Chain (EC 2.7.7.7) Chain (EC 2.7.7.7) Chain (EC 2.7.7.7) Chain (Chain (Coli Profit (Co					
2793 M12858 Escherichia coli beta-cystathionase 787 100.000 2794 L03845 Escherichia coli glyoxylate carboligase 771 100.000 2795 D90880 Escherichia coli IMP dehydrogenase (EC 1051 33.50 1.1.1.205) 1.1.1.205) 1.1.1.205 1051 33.50 1.1.1.205 1.1.1.205 1057 2796 X04341 Escherichia coli recF protein 1087 99.379 2797 X76979 Escherichia coli orf303 486 93.976 486 93.976 2799 X76979 Escherichia coli orf303 486 93.976 2799 D90791 Escherichia coli product appears to be membrane bound 786 98.305 2799 D90791 Escherichia coli putative transport 735 100.000 2801 D90868 Escherichia coli putative transport 735 100.000 2801 D90868 Escherichia coli PTS SYSTEM, FRUCTOSE-SPECIFIC IIBC COMPONENT (EIIEC-FRU) (FRUCTOSE-SPECIFIC IIBC COMPONENT) (EIC 2.7.1.69) (EII-FRU) FRUCTOSE-SPECIFIC IIBC COMPONENT) (EIC 2.7.1.69) (EII-FRU) FRUCTOSE-SPECIFIC (EC 2.4.1.182). 2803 D90842 Escherichia coli Lipid-a-disaccharide synthase (EC 2.4.1.182). 2805 D90703 Escherichia coli SYMB protein 712 97.321 2	2792	D83536		1178	99.432
2794					
2795 D90880 Escherichia coli IMP dehydrogenase (EC 1051 93.750 1.1.205) 1.1.205 1.1.205 1.1.205 2796 X04341 Escherichia coli recF protein 1087 99.379 2797 X76979 Escherichia coli orf303 486 93.976 39.376 2798 X54945 Escherichia coli product appears to be membrane bound membrane bound 786 98.305 2799 D90791 Escherichia coli ORF ID:0280#4; similar to 1029 98.137 2800 AE000415 Escherichia coli putative transport 735 100.000 2801 D90868 Escherichia coli PTS SYSTEM, FRUCTOSE-SPECIFIC IIBC COMPONENT (EIIBC-FRU) (FRUCTOSE-SPECIFIC IIBC COMPONENT) (EC 2.7.1.69) (EII-FRU) FRUCTOSE-SPECIFIC ESCHERICHIA coli Lipid-a-disaccharide synthase (EC 2.4.1.182). Escherichia coli Lipid-a-disaccharide synthase (EC 2.4.1.182). Escherichia coli STMB protein 712 97.321 2803 D90842 Escherichia coli STMB protein 712 97.321 2805 D90703 Escherichia coli STMB protein 712 97.321 2805 D90703 Escherichia coli byothetical protein (purT 775 99.099 775		M12858			100.000
1.1.1.205 1.087 99.379 2797 X76979 Escherichia coli orf303 466 93.976 2797 X76979 Escherichia coli orf303 466 93.976 2798 X54945 Escherichia coli product appears to be membrane bound 786 98.305 2799 D90791 Escherichia coli QRF IDI:0280#4; similar to 1029 98.137 2800 ABDO0415 Escherichia coli QRF IDI:0280#4; similar to 1029 98.137 355 100.000 2801 D90868 Escherichia coli PTS SYSTEM, FRUCTOSE-SPECIFIC IIBC COMPONENT (EIIBC-FRU) (FRUCTOSE- BERWHASE IIBC COMPONENT) (EC 2.7.1.69) (EII-FRU). 859 100.000 2802 D83536 Escherichia coli Lipid-a-disaccharide synthase (EC 2.4.1.182). 2803 D90842 Escherichia coli ORF ID:0352#3; similar to 786 96.800 2804 X14152 Escherichia coli SFMB protein 712 97.321 2805 D90703 Escherichia coli Lipid-adisaccharide synthase (EC 2.4.1.182). 2806 D90758 Escherichia coli SFMB protein 775 99.099 2806 D90758 Escherichia coli Inportotian Ripa precursor. 1239 100.000 2808 AB000275 Homo sapiens DAP-2 182 100.000 2808 X04619 Escherichia coli putative enzyme 1185 100.000 2808 X04619 Escherichia coli Aprotein (AA 1-388) 1555 100.000 2801 X17108 Homo sapiens phombod-related protein 358 42.748 249216 Homo sapiens rhombod-related protein 358 42.748 249216 Homo sapiens mitoxantrone-resistance associated 338 84.211 2813 U07817 Dictyostelium discoideum glutamine-asparagine 238 25.098 2615 295334 Schizosaccharomyces pombe hypothetical protein 1206 41.880 2816 AB023186 Homo sapiens KIAA0969 Protein 344 33.110 36.842 3818 M23236 Mus musculus proline-rich protein 343 36.842 3618 AB023186 Homo sapiens KIAA0069 1122 94.545 2822 AF095307 Homo sapiens sodium-dependent multivitamin 1050 52.535 103.9385 Homo sapiens sodium-dependent multivitamin 1050 52.535 103.934 103.934 103.934 103.934 103.934 103.934 103.934 103.934 103.934 103.934 103.934 103		L03845		771	100.000
2797 X76979 Escherichia coli recF protein 1087 99.379 2797 X76979 Escherichia coli product appears to be membrane bound 786 98.305 2799 D90791 Escherichia coli DFT DIO280#4; similar to 1029 98.137 2800 AE000415 Escherichia coli DRF ID:0280#4; similar to 1029 98.137 2801 D90868 Escherichia coli PTS SYSTEM, FRUCTOSE-SPECIFIC IIBC COMPONENT (EIIBC-FRU) (FRUCTOSE-PERMEASE IIBC COMPONENT) (PROSPHOTRANSFERASE ENZYME II, BC COMPONENT) (ECC. 2.7.1.69) (EII-FRU). Escherichia coli Lipid-a-disaccharide synthase (EC. 2.4.1.182). Escherichia coli STMB protein 712 97.321 2803 D90842 Escherichia coli ORF ID:0352#3; similar to 786 96.800 2804 X14152 Escherichia coli STMB protein 712 97.321 2805 D90703 Escherichia coli STMB protein 712 97.321 2805 D90703 Escherichia coli ipportein RlpA precursor. 1239 100.000 2806 D90758 Escherichia coli ipportein RlpA precursor. 1239 100.000 2808 AB000275 Homo sapiens DAP-2 182 100.000 2809 X04619 Escherichia coli A protein (AA 1-388) 1555 100.000 2810 X17108 Homo sapiens DAP-2 182 100.000 2811 AF071071 Mus musculus protein kinase Myak-S 540 47.312 2812 U06713 Rattus norvegicus SM-20 349 45.370 2813 U07817 Dictyostelium discoideum glutamine-asparagine 238 25.098 25.3934 Schizosaccharomyces pombe hypothetical protein 1206 41.880 2816 AB023186 Homo sapiens MitAA0969 protein 193 36.842 2817 AF009668 Mus musculus proline-rich protein 193 36.842 3818 AF009688 Mus musculus proline-rich protein 194 54.545 54.00 55.555 2820 D31885 Homo sapiens KIAA0069 Protein 6540 96.555 2821 L00923 Mus musculus myosin I 6580 96.555 2822 AF069307 Homo sapiens KIAA0069 Protein 1511 99.773 2823 U93863 Mus musculus ribosomal protein L21 498 78.788 78.788 AF082573 Homo sapiens DNA polymerase theta 11511 99.773 2826 278144 Mus musculus ribosomal protein ZNF13	2795	D90880	Escherichia coli IMP dehydrogenase (EC	1051	93.750
2798 X76979 Escherichia coli orf303 486 93.976 2798 X54945 Escherichia coli product appears to be membrane bound 786 98.305 82.305 8			1.1.1.205)		
2798 X54945	2796	X04341	Escherichia coli recF protein	1087	99.379
2798 X54945	2797	X76979	Escherichia coli orf303	486	93.976
	2798	X54945		786	98.305
Respect					
RED00415	2799	D90791		1029	98.137
2801 D90868					
IIBC COMPONENT (EIIBC-FRU) (FRUCTOSE- PERMEASE IIBC COMPONENT) (PHOSPHOTRANSFERASE ENZYME II, BC COMPONENT) (EC 2.7.1.69) (EII-FRU).				1	
BC COMPONENT) (PHOSPHOTRANSFERASE ENZYME II, BC COMPONENT) (EC 2.7.1.69) (EII-FRU).					
BC COMPONENT) (EC 2.7.1.69) (EII-FRU).					
2802 D83536 Escherichia coli Lipid-a-disaccharide synthase (EC 2.4.1.182). 721 99.115 2803 D90842 Escherichia coli ORF ID:o352#3; similar to 786 96.800 2804 X14152 Escherichia coli SrmB protein 712 97.321 2805 D90703 Escherichia coli Lipoprotein RlpA precursor. 1239 100.000 2806 D90758 Escherichia coli hyothetical protein (purT region) 775 99.099 2807 AE000136 Escherichia coli putative enzyme 1185 100.000 2808 AB000275 Homo sapiens DAP-2 182 100.000 2809 X04619 Escherichia coli A protein (AA 1-388) 1555 100.000 2810 Y17108 Homo sapiens rhomboid-related protein 358 42.748 2811 AF071071 Mus musculus protein kinase Myak-S 540 47.312 2812 206713 Rattus norvegicus SM-20 349 45.370 2813 007817 Dictyostelium discoideum glutamine-asparagine rich protein 238 25.098 2814 <td></td> <td></td> <td></td> <td></td> <td></td>					
(EC 2.4.1.182). 2803 D90842 Escherichia coli ORF ID:o352#3; similar to 786 96.800 2804 X14152 Escherichia coli SrmB protein 712 97.321 2805 D90703 Escherichia coli Lipoprotein RlpA precursor. 1239 100.000 2806 D90758 Escherichia coli hyothetical protein (purT 775 99.099 region) 2807 AE000136 Escherichia coli putative enzyme 1185 100.000 2808 AB000275 Homo sapiens DAP-2 182 100.000 2809 X04619 Escherichia coli A protein (AA 1-388) 1555 100.000 2810 Y17108 Homo sapiens rhomboid-related protein 358 42.748 2811 AF071071 Mus musculus protein kinase Myak-S 540 47.312 2812 U06713 Rattus norvegicus SM-20 349 45.370 2813 U07817 Dictyostelium discoideum glutamine-asparagine zich protein Homo sapiens mitoxantrone-resistance associated 338 84.211 249216 Homo sapiens mitoxantrone-resistance associated 338 84.211 249216 Homo sapiens KIAA0969 protein 193 36.842 2817 AF009668 multiple sclerosis associated retrovirus 376 53.097 polyprotein 2818 M23236 Mus musculus proline-rich protein 344 33.110 2819 AB028942 Homo sapiens KIAA0069 1122 94.545 2821 L00923 Mus musculus myosin I 5487 96.445 2822 AF069307 Homo sapiens KIAA0069 1122 94.545 2821 AF069307 Homo sapiens KIAA0069 1122 94.545 2822 AF069307 Homo sapiens sodium-dependent multivitamin 1050 52.535 152.535 152.535 152.535 152.535 152.535 152.535 152.535 153.535 1	2802	D83536		721	99.115
2803 D90842 Escherichia coli ORF ID:o352#3; similar to 786 96.800 2804 X14152 Escherichia coli SrmB protein 712 97.321 2805 D90703 Escherichia coli Lipoprotein RlpA precursor. 1239 100.000 2806 D90758 Escherichia coli hyothetical protein (purT region) 775 99.099 2807 AE000136 Escherichia coli putative enzyme 1185 100.000 2808 AB000275 Homo sapiens DAP-2 182 100.000 2809 X04619 Escherichia coli A protein (AA 1-388) 1555 100.000 2810 Y17108 Homo sapiens rhomboid-related protein 358 42.748 2811 AF071071 Mus musculus protein kinase Myak-S 540 47.312 2812 U06713 Rattus norvegicus SM-20 349 45.370 2813 U07817 Dictyostelium discoideum glutamine-asparagine rich protein 238 25.098 2814 Z49216 Homo sapiens mitoxantrone-resistance associated 338 84.211 2815 Z				'	33.113
2804 X14152 Escherichia coli SrmB protein 712 97.321 2805 D90703 Escherichia coli Lipoprotein RlpA precursor. 1239 100.000 2806 D90758 Escherichia coli hyothetical protein (purT region) 775 99.099 2807 AE000136 Escherichia coli putative enzyme 1185 100.000 2808 AB000275 Homo sapiens DAP-2 182 100.000 2809 X04619 Escherichia coli A protein (AA 1-388) 1555 100.000 2810 Y17108 Homo sapiens rhomboid-related protein 358 42.748 2811 AF071071 Mus musculus protein kinase Myak-S 540 47.312 2812 U06713 Rattus norvegicus SM-20 349 45.370 2813 U07817 Dictyostelium discoideum glutamine-asparagine rich protein 238 25.098 2814 Z49216 Homo sapiens mitoxantrone-resistance associated gene 338 84.211 2815 Z95334 Schizosaccharomyces pombe hypothetical protein 1206 41.880 2816	2803	D90842		786	96.800
2805 D90703 Escherichia coli Lipoprotein RlpA precursor. 1239 100.000 2806 D90758 Escherichia coli hyothetical protein (purT region) 775 99.099 2807 AE000136 Escherichia coli putative enzyme 1185 100.000 2808 AB000275 Homo sapiens DAP-2 182 100.000 2809 X04619 Escherichia coli A protein (AA 1-388) 1555 100.000 2810 Y17108 Homo sapiens rhomboid-related protein 358 42.748 2811 AF071071 Mus musculus protein kinase Myak-S 540 47.312 2812 U06713 Rattus norvegicus SM-20 349 45.370 2813 U07817 Dictyostelium discoideum glutamine-asparagine rich protein 238 25.098 2814 Z49216 Homo sapiens mitoxantrone-resistance associated gene 338 84.211 2815 Z95334 Schizosaccharomyces pombe hypothetical protein 1206 41.880 2816 AB023186 Homo sapiens KIAA0969 protein 193 36.842 2817				1	
2806 D90758 Escherichia coli hyothetical protein (purT region) 775 99.099 region) 2807 AE000136 Escherichia coli putative enzyme 1185 100.000 2808 AB000275 Homo sapiens DAP-2 182 100.000 2809 X04619 Escherichia coli A protein (AA 1-388) 1555 100.000 2810 Y17108 Homo sapiens rhomboid-related protein 358 42.748 2811 AF071071 Mus musculus protein kinase Myak-S 540 47.312 2812 U06713 Rattus norvegicus SM-20 349 45.370 2813 U07817 Dictyostelium discoideum glutamine-asparagine rich protein 238 25.098 2814 Z49216 Homo sapiens mitoxantrone-resistance associated gene 338 84.211 2815 Z95334 Schizosaccharomyces pombe hypothetical protein 1206 41.880 2817 AF009668 multiple sclerosis associated retrovirus polyprotein 376 53.097 2818 M23236 Mus musculus protein protein 344 33.110 <t< td=""><td></td><td></td><td></td><td></td><td></td></t<>					
Region Region Region Record R					
2807 AE000136 Escherichia coli putative enzyme 1185 100.000 2808 AB000275 Homo sapiens DAP-2 182 100.000 2809 X04619 Escherichia coli A protein (AA 1-388) 1555 100.000 2810 Y17108 Homo sapiens rhomboid-related protein 358 42.748 2811 AF071071 Mus musculus protein kinase Myak-S 540 47.312 2812 U06713 Rattus norvegicus SM-20 349 45.370 2813 U07817 Dictyostelium discoideum glutamine-asparagine rich protein 238 25.098 2814 Z49216 Homo sapiens mitoxantrone-resistance associated rich protein 338 84.211 2815 Z95334 Schizosaccharomyces pombe hypothetical protein 1206 41.880 2816 AB023186 Homo sapiens KIAA0969 protein 193 36.842 2817 AF009668 multiple sclerosis associated retrovirus polyprotein 376 53.097 2818 M23236 Mus musculus proline-rich protein 344 33.110 2819	2000			' ' ' '	33.033
2808 AB000275 Homo sapiens DAP-2 182 100.000 2809 X04619 Escherichia coli A protein (AA 1-388) 1555 100.000 2810 Y17108 Homo sapiens rhomboid-related protein 358 42.748 2811 AF071071 Mus musculus protein kinase Myak-S 540 47.312 2812 U06713 Rattus norvegicus SM-20 349 45.370 2813 U07817 Dictyostelium discoideum glutamine-asparagine rich protein 238 25.098 2814 Z49216 Homo sapiens mitoxantrone-resistance associated gene 338 84.211 2815 Z95334 Schizosaccharomyces pombe hypothetical protein 1206 41.880 2816 AB023186 Homo sapiens KIAA0969 protein 193 36.842 2817 AF009668 multiple sclerosis associated retrovirus polyprotein 376 53.097 2818 M23236 Mus musculus proline-rich protein 344 33.110 2819 AB028942 Homo sapiens KIAA0069 1122 94.545 2820 D31885 <td>2807</td> <td>AE000136</td> <td></td> <td>1185</td> <td>100 000</td>	2807	AE000136		1185	100 000
2809 X04619 Escherichia coli A protein (AA 1-388) 1555 100.000 2810 Y17108 Homo sapiens rhomboid-related protein 358 42.748 2811 AF071071 Mus musculus protein kinase Myak-S 540 47.312 2812 U06713 Rattus norvegicus SM-20 349 45.370 2813 U07817 Dictyostelium discoideum glutamine-asparagine rich protein 238 25.098 2814 Z49216 Homo sapiens mitoxantrone-resistance associated gene 338 84.211 2815 Z95334 Schizosaccharomyces pombe hypothetical protein 1206 41.880 2816 AB023186 Homo sapiens KIAA0969 protein 193 36.842 2817 AF009668 multiple sclerosis associated retrovirus polyprotein 376 53.097 2818 M23236 Mus musculus proline-rich protein 344 33.110 2819 AB028942 Homo sapiens KIAA1019 protein 6540 96.555 2820 D31885 Homo sapiens sodium-dependent multivitamin transporter 1050 52.535					
2810 Y17108 Homo sapiens rhomboid-related protein 358 42.748 2811 AF071071 Mus musculus protein kinase Myak-S 540 47.312 2812 U06713 Rattus norvegicus SM-20 349 45.370 2813 U07817 Dictyostelium discoideum glutamine-asparagine rich protein 238 25.098 2814 Z49216 Homo sapiens mitoxantrone-resistance associated gene 338 84.211 2815 Z95334 Schizosaccharomyces pombe hypothetical protein 1206 41.880 2816 AB023186 Homo sapiens KIAA0969 protein 193 36.842 2817 AF00968 multiple sclerosis associated retrovirus polyprotein 376 53.097 2818 M23236 Mus musculus proline-rich protein 344 33.110 2819 AB028942 Homo sapiens KIAA1019 protein 6540 96.555 2820 D31885 Homo sapiens KIAA0069 1122 94.545 2821 L00923 Mus musculus myosin I 5487 96.445 2823 U93863					
2811 AF071071 Mus musculus protein kinase Myak-S 540 47.312 2812 U06713 Rattus norvegicus SM-20 349 45.370 2813 U07817 Dictyostelium discoideum glutamine-asparagine rich protein 238 25.098 2814 Z49216 Homo sapiens mitoxantrone-resistance associated gene 338 84.211 2815 Z95334 Schizosaccharomyces pombe hypothetical protein 1206 41.880 2816 AB023186 Homo sapiens KIAA0969 protein 193 36.842 2817 AF009668 multiple sclerosis associated retrovirus polyprotein 376 53.097 2818 M23236 Mus musculus proline-rich protein 344 33.110 2819 AB028942 Homo sapiens KIAA1019 protein 6540 96.555 2820 D31885 Homo sapiens KIAA0069 1122 94.545 2821 L00923 Mus musculus myosin I 5487 96.445 2822 AF069307 Homo sapiens sodium-dependent multivitamin transporter 1050 52.535 2823 U93863 Mus musculus testis-specific chromodomain Y- 1628 61.988 61.988 11ke protein 2825 AF081260 Mus musculus testis-specific chromodomain Y- 1521 99.773 628 61.988 1151 99.773 2826 Z78144 Mus musculus unknown 508 70.769					
2812 U06713 Rattus norvegicus SM-20 349 45.370 2813 U07817 Dictyostelium discoideum glutamine-asparagine rich protein 238 25.098 2814 Z49216 Homo sapiens mitoxantrone-resistance associated gene 338 84.211 2815 Z95334 Schizosaccharomyces pombe hypothetical protein 1206 41.880 2816 AB023186 Homo sapiens KIAA0969 protein 193 36.842 2817 AF009668 multiple sclerosis associated retrovirus polyprotein 376 53.097 2818 M23236 Mus musculus proline-rich protein 344 33.110 2819 AB028942 Homo sapiens KIAA1019 protein 6540 96.555 2820 D31885 Homo sapiens KIAA0069 1122 94.545 2821 L00923 Mus musculus myosin I 5487 96.445 2822 AF069307 Homo sapiens sodium-dependent multivitamin transporter 1050 52.535 2823 U93863 Mus musculus testis-specific chromodomain Y- folic protein 628 61.988 <t< td=""><td></td><td></td><td></td><td></td><td></td></t<>					
2813 U07817 Dictyostelium discoideum glutamine-asparagine rich protein 238 25.098 2814 Z49216 Homo sapiens mitoxantrone-resistance associated gene 338 84.211 2815 Z95334 Schizosaccharomyces pombe hypothetical protein 1206 41.880 2816 AB023186 Homo sapiens KIAA0969 protein 193 36.842 2817 AF009668 multiple sclerosis associated retrovirus polyprotein 376 53.097 2818 M23236 Mus musculus proline-rich protein 344 33.110 2819 AB028942 Homo sapiens KIAA1019 protein 6540 96.555 2820 D31885 Homo sapiens KIAA0069 1122 94.545 2821 L00923 Mus musculus myosin I 5487 96.445 2822 AF069307 Homo sapiens sodium-dependent multivitamin transporter 1050 52.535 2823 U93863 Mus musculus ribosomal protein L21 498 78.788 2824 AF081260 Mus musculus ribosomal protein Chromodomain Y-like protein 628 61.988 <t< td=""><td></td><td></td><td></td><td></td><td></td></t<>					
rich protein 2814 Z49216 Homo sapiens mitoxantrone-resistance associated gene 338 84.211 2815 Z95334 Schizosaccharomyces pombe hypothetical protein 1206 41.880 2816 AB023186 Homo sapiens KIAA0969 protein 193 36.842 2817 AF009668 multiple sclerosis associated retrovirus polyprotein 376 53.097 2818 M23236 Mus musculus proline-rich protein 344 33.110 2819 AB028942 Homo sapiens KIAA1019 protein 6540 96.555 2820 D31885 Homo sapiens KIAA0069 1122 94.545 2821 L00923 Mus musculus myosin I 5487 96.445 2822 AF069307 Homo sapiens sodium-dependent multivitamin 1050 52.535 2823 U93863 Mus musculus ribosomal protein L21 498 78.788 2824 AF081260 Mus musculus testis-specific chromodomain Y-like protein 628 61.988 2825 AF052573 Homo sapiens DNA polymerase theta 11511 99				1	
2814 Z49216 Homo sapiens mitoxantrone-resistance associated gene 338 84.211 2815 Z95334 Schizosaccharomyces pombe hypothetical protein 1206 41.880 2816 AB023186 Homo sapiens KIAA0969 protein 193 36.842 2817 AF009668 multiple sclerosis associated retrovirus polyprotein 376 53.097 2818 M23236 Mus musculus proline-rich protein 344 33.110 2819 AB028942 Homo sapiens KIAA1019 protein 6540 96.555 2820 D31885 Homo sapiens KIAA0069 1122 94.545 2821 L00923 Mus musculus myosin I 5487 96.445 2822 AF069307 Homo sapiens sodium-dependent multivitamin transporter 1050 52.535 2823 U93863 Mus musculus ribosomal protein L21 498 78.788 2824 AF081260 Mus musculus testis-specific chromodomain Y-like protein 628 61.988 2825 AF052573 Homo sapiens DNA polymerase theta 11511 99.773 2826 <td>2017</td> <td>00,01,</td> <td></td> <td>230</td> <td>23.030</td>	2017	00,01,		230	23.030
Sene Sene	2814	749216		330	04 211
2815 Z95334 Schizosaccharomyces pombe hypothetical protein 1206 41.880 2816 AB023186 Homo sapiens KIAA0969 protein 193 36.842 2817 AF009668 multiple sclerosis associated retrovirus polyprotein 376 53.097 2818 M23236 Mus musculus proline-rich protein 344 33.110 2819 AB028942 Homo sapiens KIAA1019 protein 6540 96.555 2820 D31885 Homo sapiens KIAA0069 1122 94.545 2821 L00923 Mus musculus myosin I 5487 96.445 2822 AF069307 Homo sapiens sodium-dependent multivitamin transporter 1050 52.535 2823 U93863 Mus musculus ribosomal protein L21 498 78.788 2824 AF081260 Mus musculus testis-specific chromodomain Y-like protein 628 61.988 2825 AF052573 Homo sapiens DNA polymerase theta 11511 99.773 2826 Z78144 Mus musculus unknown 508 70.769 2827 U09413	2014	443210		330	04.211
2816 AB023186 Homo sapiens KIAA0969 protein 193 36.842 2817 AF009668 multiple sclerosis associated retrovirus polyprotein 376 53.097 2818 M23236 Mus musculus proline-rich protein 344 33.110 2819 AB028942 Homo sapiens KIAA1019 protein 6540 96.555 2820 D31885 Homo sapiens KIAA0069 1122 94.545 2821 L00923 Mus musculus myosin I 5487 96.445 2822 AF069307 Homo sapiens sodium-dependent multivitamin transporter 1050 52.535 2823 U93863 Mus musculus ribosomal protein L21 498 78.788 2824 AF081260 Mus musculus testis-specific chromodomain Y-like protein 628 61.988 2825 AF052573 Homo sapiens DNA polymerase theta 11511 99.773 2826 Z78144 Mus musculus unknown 508 70.769 2827 U09413 Homo sapiens zinc finger protein ZNF135 524 40.520	2815	795334		1206	11 000
2817 AF009668 multiple sclerosis associated retrovirus polyprotein 376 53.097 2818 M23236 Mus musculus proline-rich protein 344 33.110 2819 AB028942 Homo sapiens KIAA1019 protein 6540 96.555 2820 D31885 Homo sapiens KIAA0069 1122 94.545 2821 L00923 Mus musculus myosin I 5487 96.445 2822 AF069307 Homo sapiens sodium-dependent multivitamin transporter 1050 52.535 2823 U93863 Mus musculus ribosomal protein L21 498 78.788 2824 AF081260 Mus musculus testis-specific chromodomain Y-like protein 628 61.988 2825 AF052573 Homo sapiens DNA polymerase theta 11511 99.773 2826 Z78144 Mus musculus unknown 508 70.769 2827 U09413 Homo sapiens zinc finger protein ZNF135 524 40.520		1		1	
Polyprotein 2818 M23236 Mus musculus proline-rich protein 344 33.110				1	
2818 M23236 Mus musculus proline-rich protein 344 33.110 2819 AB028942 Homo sapiens KIAA1019 protein 6540 96.555 2820 D31885 Homo sapiens KIAA0069 1122 94.545 2821 L00923 Mus musculus myosin I 5487 96.445 2822 AF069307 Homo sapiens sodium-dependent multivitamin transporter 1050 52.535 2823 U93863 Mus musculus ribosomal protein L21 498 78.788 2824 AF081260 Mus musculus testis-specific chromodomain Y-like protein 628 61.988 2825 AF052573 Homo sapiens DNA polymerase theta 11511 99.773 2826 Z78144 Mus musculus unknown 508 70.769 2827 U09413 Homo sapiens zinc finger protein ZNF135 524 40.520	201/	AFUUJOO		3/0	33.09/
2819 AB028942 Homo sapiens KIAA1019 protein 6540 96.555 2820 D31885 Homo sapiens KIAA0069 1122 94.545 2821 L00923 Mus musculus myosin I 5487 96.445 2822 AF069307 Homo sapiens sodium-dependent multivitamin transporter 1050 52.535 2823 U93863 Mus musculus ribosomal protein L21 498 78.788 2824 AF081260 Mus musculus testis-specific chromodomain Y-like protein 628 61.988 2825 AF052573 Homo sapiens DNA polymerase theta 11511 99.773 2826 Z78144 Mus musculus unknown 508 70.769 2827 U09413 Homo sapiens zinc finger protein ZNF135 524 40.520	2010	M22226		344	22 110
2820 D31885 Homo sapiens KIAA0069 1122 94.545 2821 L00923 Mus musculus myosin I 5487 96.445 2822 AF069307 Homo sapiens sodium-dependent multivitamin transporter 1050 52.535 2823 U93863 Mus musculus ribosomal protein L21 498 78.788 2824 AF081260 Mus musculus testis-specific chromodomain Y-like protein 628 61.988 2825 AF052573 Homo sapiens DNA polymerase theta 11511 99.773 2826 Z78144 Mus musculus unknown 508 70.769 2827 U09413 Homo sapiens zinc finger protein ZNF135 524 40.520					
2821 L00923 Mus musculus myosin I 5487 96.445 2822 AF069307 Homo sapiens sodium-dependent multivitamin transporter 1050 52.535 2823 U93863 Mus musculus ribosomal protein L21 498 78.788 2824 AF081260 Mus musculus testis-specific chromodomain Y-like protein 628 61.988 2825 AF052573 Homo sapiens DNA polymerase theta 11511 99.773 2826 Z78144 Mus musculus unknown 508 70.769 2827 U09413 Homo sapiens zinc finger protein ZNF135 524 40.520					
2822 AF069307 Homo sapiens sodium-dependent multivitamin transporter 1050 52.535 2823 U93863 Mus musculus ribosomal protein L21 498 78.788 2824 AF081260 Mus musculus testis-specific chromodomain Y-like protein 628 61.988 2825 AF052573 Homo sapiens DNA polymerase theta 11511 99.773 2826 Z78144 Mus musculus unknown 508 70.769 2827 U09413 Homo sapiens zinc finger protein ZNF135 524 40.520					
transporter 2823 U93863 Mus musculus ribosomal protein L21 498 78.788 2824 AF081260 Mus musculus testis-specific chromodomain Y-like protein 628 61.988 2825 AF052573 Homo sapiens DNA polymerase theta 11511 99.773 2826 Z78144 Mus musculus unknown 508 70.769 2827 U09413 Homo sapiens zinc finger protein ZNF135 524 40.520					
2823 U93863 Mus musculus ribosomal protein L21 498 78.788 2824 AF081260 Mus musculus testis-specific chromodomain Y-like protein 628 61.988 2825 AF052573 Homo sapiens DNA polymerase theta 11511 99.773 2826 Z78144 Mus musculus unknown 508 70.769 2827 U09413 Homo sapiens zinc finger protein ZNF135 524 40.520	Z8ZZ	Aruby30/		1020	52.535
2824 AF081260 Mus musculus testis-specific chromodomain Y-like protein 628 61.988 2825 AF052573 Homo sapiens DNA polymerase theta 11511 99.773 2826 Z78144 Mus musculus unknown 508 70.769 2827 U09413 Homo sapiens zinc finger protein ZNF135 524 40.520	2022	1102062		400	70 700
like protein 2825 AF052573 Homo sapiens DNA polymerase theta 11511 99.773 2826 Z78144 Mus musculus unknown 508 70.769 2827 U09413 Homo sapiens zinc finger protein ZNF135 524 40.520					
2825 AF052573 Homo sapiens DNA polymerase theta 11511 99.773 2826 Z78144 Mus musculus unknown 508 70.769 2827 U09413 Homo sapiens zinc finger protein ZNF135 524 40.520	2824	AF081260		628	61.988
2826 Z78144 Mus musculus unknown 508 70.769 2827 U09413 Homo sapiens zinc finger protein ZNF135 524 40.520	0005			1.5	
2827 U09413 Homo sapiens zinc finger protein ZNF135 524 40.520					
2828 AB014578 Homo sapiens KIAA0678 protein 6414 98.438					
	2828	AB014578	Homo sapiens KIAA0678 protein	6414	98.438





		, <u></u>		
		EMBL:C09261 comes from this gene; cDNA EST		
		yk259c1.5 comes from this gene		
2913	272506	Unknown Similarity to Hydra RAS_like protein	291	47.107
		RAS2 (SW:RAS2_HYDMA); cDNA EST EMBL:D72418		
		comes from		
2914		Bos taurus N-WASP	167	33.511
	X56044	Mus musculus protein Htf9C	2251	84.938
2916	X73974	Homo sapiens ribosomal protein L4	334	64.800
2917	U72882	Homo sapiens interferon-induced leucine zipper	1638	91.447
		protein		
2918	X92352	Mus musculus homology to nucleosome assembly	373	33.422
		proteins; specifically expressed in neurons		
2919	S67970	Homo sapiens ZNF75=KRAB zinc finger	1206	75.641
2920	AB017616	Mus musculus homologous to the yeast YGR163	1923	81.989
		gene		
2921	AL080141	Homo sapiens hypothetical protein	1134	54.695
2922	AF055084	Homo sapiens very large G-protein coupled	11286	99.319
		receptor-1		
2923	AL050395	Homo sapiens hypothetical protein	846	88.506
2924	AF135440	Mus musculus huntington yeast partner C	384	68.041
2925	U07974	Gallus gallus unknown	175	28.105
2926	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	358	52.258
2927	Z78544	Caenorhabditis elegans predicted using	176	69.767
		Genefinder; Similarity to C.elegans Guanine		
		nucleotide binding protein (WP:C14B1.4); cDNA		
		EST yk567g12.3 comes from this gene		
2928	S80119	Rattus sp. reverse transcriptase homolog	325	53.782
2929		Homo sapiens alpha-1 type III collagen	165	37.615
2930	AF039187	Schistosoma japonicum myosin	274	24.217
2931	Z68756	Homo sapiens Huntington Disease (HD) gene exon	171	35.632
<u> </u>		1		
2932	Y11770	Mus musculus very-long-chain acyl-CoA	1714	47.430
		dehydrogenase		
2933	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	384	50.000
2934	U10414	Caenorhabditis elegans Contains similarity to	446	46.087
		Pfam domain: PF00005 (ABC_tran), Score=245.2,		
0005	77040105	E-value=3e-70, N=2		67 647
2935		Homo sapiens RCL	517	67.647
2936	Z69635	Unknown Similarity to Yeast uridine kinase	705	49.393
		(SW:URK1_YEAST); cDNA EST EMBL:Z14695 comes		
2027	1100076	from this ge	420	60 001
2937	U22376	Homo sapiens alternatively spliced product using exon 13A	439	62.281
2938	X65120	Homo sapiens alpha1(X)collagen	487	36.424
2938	AF151825	· · · · · · · · · · · · · · · · · · ·	1379	79.592
2939	AC004893	Homo sapiens CGI-67 protein Homo sapiens similar to NEDD-4 (KIA0093);	1249	96.939
2 2 4 0	AC004093	similar to P46934 (PID:g1171682)	1249	20.333
2941	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	438	77.895
	D50685	Trypanosoma cruzi trans-sialidase	274	41.709
2943	M33784	Dictyostelium discoideum protein-tyrosine	299	30.449
2333	1133734	kinase-2 (DPYK2)	~ ~ ~	50.337
2944	X53581	Rattus norvegicus ORF3	190	37.143
2945	S80119	Rattus sp. reverse transcriptase homolog	167	56.818
2946	U53153	Caenorhabditis elegans one short region of weak	513	34.756
	333133	similarity to S. cerevisiae protease A	515	31.750
		inhibitor 3 (SP:P01094) and another short		
		region of weak similarity to S. cerevisiae		
		glucose repression mediator protein (SP:P14922)		
2947	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	389	64.151
		<u> </u>	·	

2948	AB020675	Homo sapiens KIAA0868 protein	8903	97.470
2949	AF067165	Homo sapiens zinc finger protein 3	728	52.423
2950	AB014580	Homo sapiens KIAA0680 protein	779	39.492
2951	U71601	Homo sapiens zinc finger protein zfp47	248	26.866
2952		Rattus norvegicus salivary proline-rich protein	266	30.943
2953	AF060173	Rattus norvegicus SV2 related protein	394	30.370
2954	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	413	67.647
2955	U79260	Homo sapiens unknown	356	71.429
2956	AF095155	Mus musculus Clq-related factor	310	33.000
2957	X91617	Mus musculus 5'-3' exonuclease	1721	56.593
2958	AC002505	Arabidopsis thaliana unknown protein	189	21.921
2959	AC006550	Arabidopsis thaliana Similar to gb U70015	528	33.542
		lysosomal trafficking regulator from Mus musculus and contains 2 PF 00400 WD40, G-beta		
		repeats. ESTs gb T43386 and gb AA395236 come		
		from this gene.		
2960	К02298	Rattus norvegicus chymotrypsin B	1644	91.288
2961	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	295	64.865
2962	AL080155	Homo sapiens hypothetical protein	2487	91.991
2963	AF020261	Santalum album proline rich protein	206	27.099
2964	Z69730	Schizosaccharomyces pombe putative ranbp7-	445	24.756
	2007.00	importin-beta-cselp superfamily protein		= 1 0 , 0 0
2965	AF071103	Drosophila melanogaster myo-inositol-1-	1866	61.169
		phosphate synthase		
2966	X70944	Homo sapiens PTB-associated splicing factor	1674	67.196
2967	AF095350	Homo sapiens RAB-like protein 2A	755	55.839
2968	AF036705	Unknown Similar to phytoene desaturase; coded	746	43.987
		for by C. elegans cDNA CEESX74F; coded for by		
		C. el		
	AL117452	Homo sapiens hypothetical protein	5690	97.068
	X59720	Saccharomyces cerevisiae YCR009c, len:265	264	26.446
2971	AC005396	Arabidopsis thaliana putative proline-rich cell	219	34.694
2072	7.07.004.0	wall protein	005	60 106
2972 2973	AF078848 D87076	Homo sapiens BUP	985 3649	62.136 97.909
29/3	D87076	Homo sapiens similar to human bromodomain protein BR140(JC2069)	3049	97.909
2974	AF056116	Fugu rubripes unknown	963	51.304
2975	AB011084	Homo sapiens KIAAO512 protein	523	34.426
2976	U73522	Homo sapiens AMSH	1185	53.736
2977	AF170708	Homo sapiens T-box protein TBX3	4480	98.207
2978	Z49068	Unknown similar to GTP-binding protein; cDNA	64	25.000
		EST EMBL: M89111 comes from this gene; cDNA EST		
		EMBL: D2		
	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	410	71.579
2980		Homo sapiens KIAA0943 protein	2508	99.728
2981	U70935	Peromyscus maniculatus reverse transcriptase	265	48.214
2982	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	397	51.462
2983	AF165161	Homo sapiens FLASH	6603	97.103
2984	D55696	Homo sapiens cysteine protease	172	54.237
2985	AJ005071	Gallus gallus Tapasin	315	34.091
2986	U30292	Mus musculus collagen type XIII alpha-1 chain	725	51.835
2987	AJ243459	Leishmania major proteophosphoglycan	324	31.414
2988	U85995	Homo sapiens unknown	2241	90.618
2989	U49082	Homo sapiens transporter protein	1046	54.785
2990	AB023209	Homo sapiens KIAA0992 protein	4871	95.460
2991	M14123	Homo sapiens pol/env ORF (bases 3878-8257)	8432	95.434
2992	M20789	first start codon at 4172; Xxx; putative Homo sapiens alpha-1 type I collagen	225	31.307
2992	D63876	Homo sapiens KIAA0154 gene product is related	4406	94.077
		LOVING ABDIEUS NIBBULS UCHE DIOGUCE IS IETALEO	1 4400	1 79 . U I I

	1	to mouse gamma adaptin.	-	
2994	X14401	Rattus rattus ribosomal protein L34	284	67.470
	AF167321	Mus musculus zinc finger protein ZFP235	1873	60.664
2996	AF159297	Zea mays extensin-like protein	404	27.051
2997		Homo sapiens X-linked mental retardation	860	33.448
2337	N33000	candidate gene	000	33.440
2998	U22376	Homo sapiens alternatively spliced product	361	65.591
2330	022370	using exon 13A	301	03.331
2999	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	709	71.687
3000	AJ243459	Leishmania major proteophosphoglycan	186	29.461
3001	U97553	murine herpesvirus 68 unknown	281	28.708
3002	X56044	Mus musculus protein Htf9C	602	46.154
3003	Z46242	Caenorhabditis elegans similar to WD domain, G-	1011	39.009
		beta repeat; cDNA EST yk283e3.3 comes from this	1011	33.003
		gene; cDNA EST yk238e2.3 comes from this gene;		
		cDNA EST yk283e3.5 comes from this gene; cDNA		
		EST yk238e2.5 comes from this gene		
3004	X99252	Mus musculus arachidonate 12(S)-lipoxygenase	3252	74.548
	X92485	Plasmodium vivax pval	181	51.613
3006	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	431	72.165
3007	D70831	Homo sapiens Zinc-finger protein	373	35.439
3008	D78255	Mus musculus PAP-1	810	56.391
3009	AB023163	Homo sapiens KIAA0946 protein	4478	98.802
3010	Y10746	Homo sapiens methyl-CpG binding protein	3952	99.102
3011	D25215	Homo sapiens KIAA0032	2351	55.199
3012	AF034746	Mus musculus LNXp70	260	82.812
3013	AL080196	Homo sapiens hypothetical protein	5255	99.264
3014	AF056116	Fugu rubripes unknown	381	36.715
3015	AF036699	Caenorhabditis elegans Similar to cuticular	180	29.956
		collagen; F58F6.2		
3016	K03332	Human herpesvirus 4 nuclear antigen 2	227	28.800
3017	AB011084	Homo sapiens KIAA0512 protein	856	40.670
3018	U41534	Caenorhabditis elegans Contains similarity to	606	41.833
!		Pfam domain: PF00271 (helicase_C), Score=49.0,		
		E-value=3.3e-11, N=1		
3019	V00148	Caenorhabditis elegans unnamed protein product	176	36.406
3020	U79260	Homo sapiens unknown	402	75.824
3021	AB022915	Mus musculus sif and Tiam1-like exchange factor	3634	84.978
3022	AJ001616	Mus musculus myeloid associated differentiation	237	39.623
		protein		
3023		Mus musculus proline-rich protein	257	36.000
3024	AL035655	Schizosaccharomyces pombe hypothetical protein	471	40.693
3025	S79915	Drosophila sp. Hls=155 kda putative DE-H type	258	28.879
		RNA-dependent ATPase-helicase/RNA localizing		
2026	77.001700	protein	1007	7.5-001
3026	AL031709	Homo sapiens c316G12.3 (novel protein)	1807	76.804
3027	AC006539	Homo sapiens BC39498 2	694	48.864
3028	AL110228	Homo sapiens hypothetical protein	4620	97.931
3029 3030	AB020698	Homo sapiens KIAA0891 protein	3695	94.435
3030	AJ005890	Homo sapiens JM1	1043	86.301
3031	AJ388557	Canis familiaris zinc finger protein	1818	56.838
	V00147	Caenorhabditis elegans unnamed protein product	206	35.429
3033	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	385	61.111
3034	U22376	Homo sapiens alternatively spliced product	366	65.657
3035	U29154	using exon 13A	AEI	21 020
		Caenorhabditis elegans T07F12.1 gene product	451	31.939
3036 3037	AL050396	Homo sapiens filamin	5534	77.814
	L01042	Homo sapiens TATA element modulatory factor	5656	99.460
3038	Z81503	Caenorhabditis elegans predicted using	146	33.000

	Ţ	Constindent similar to college a DNN DCM		
		Genefinder; similar to collagen; cDNA EST EMBL:D65450 comes from this gene; cDNA EST		
		EMBL:D68888 comes from this gene		
3039	D10627	Mus musculus zinc finger protein	756	58.730
3040	U93571	Homo sapiens p40	263	28.959
3041	AJ243459		270	36.123
3041	AL080159	Leishmania major proteophosphoglycan	637	
	Z77664	Homo sapiens hypothetical protein		48.980
3043	2//664	Unknown predicted using Genefinder; similar to Zinc finger, C2H2 type; cDNA EST CEMSC43F comes	162	34.884
2044	77.070200	from	104	21 705
3044	AL079308	Streptomyces coelicolor putative	194	31.795
3045	AB007887	serine/threonine protein kinase Homo sapiens KIAA0427	325	29.221
3045			480	26.882
3047	Y13374	Homo sapiens Kelch motif containing protein	966	82.530
3047	Y08766	Homo sapiens putative prenylated protein Homo sapiens SF1-Bo isoform		
3048	M80650		86	29.101
3050	AJ242777	Caenorhabditis elegans alpha-collagen	206	31.414
		Mus musculus ABINs, A20-binding inhibitor of NF-kappa B activation (small)	567	36.503
3051	X71621	Saccharomyces cerevisiae hypothetical 58.9 kD protein	186	24.924
3052	X13885	Nicotiana tabacum extensin (AA 1-620)	274	24.568
3053	Y11395	Homo sapiens seventransmembrane-domain protein	1205	57.190
3054	AF156271	Homo sapiens RING finger protein terf	202	30.769
3055	V00148	Caenorhabditis elegans unnamed protein product	249	34.766
3056	U00025	Caenorhabditis elegans weak similarity to ATP synthase B chain	674	28.320
3057	AL080125	Homo sapiens hypothetical protein	525	61.268
3058	AF151827	Homo sapiens CGI-69 protein	1344	76.144
3059	AL080123	Homo sapiens hypothetical protein	528	30.366
3060	L11672	Homo sapiens zinc finger protein	442	26.448
3061	X74764	Homo sapiens protein-tyrosine kinase	5319	96.647
3062	AF149093	Mus musculus zinc finger ZF-12	354	59.036
3063	U79260	Homo sapiens unknown	242	56.180
3064	D31887	Homo sapiens KIAA0062	1316	50.000
3065	AF071081	Mycobacterium tuberculosis proline-rich mucin homolog	188	25.721
3066	D86966	Homo sapiens similarto human ZFY protein.	554	36.797
3067	X62681	Gallus gallus limb deformity protein	564	49.721
3068	AF087142	Homo sapiens TED protein	1040	41.016
3069	AF109906	Mus musculus NG22	720	30.270
3070	AB000459	Homo sapiens unnamed protein product	603	36.000
3071	X13885	Nicotiana tabacum extensin (AA 1-620)	383	31.976
3072	AF053356	Homo sapiens leucin rich neuronal protein	1429	67.016
3073	AB011164	Homo sapiens KIAA0592 protein	8471	97.791
3074	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	715	66.851
3075	AF039698	Homo sapiens antigen NY-CO-33	489	70.642
3076	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	476	50.228
3077	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	706	69.492
3078	M13100	Rattus norvegicus unknown protein	325	35.266
3079	L29028	Unknown amino acid feature: N-glycosylation	224	31.609
		sites, aa 41 43, 46 48, 51 53, 72 74, 107 .		
3080	AJ243459	Leishmania major proteophosphoglycan	177	25.858
3081	AF043944	Mytilus edulis nongradient byssal precursor	277	27.792
3082	S69693	Leishmania donovani, ssp. infantum, Ethiopian	226	36.076
		LV9, amastigote, Peptide, 236 aa stage-specific	220	30.070
2002	W70061	S antigen homolog=A2 {repetitive sequence}		56.555
3083	X79881	Rattus norvegicus aggrecan like protein/	522	56.329

		brevican		
3084	AF039939	Canis familiaris type II collagen	94	44.444
3085	U04267	Gossypium barbadense proline-rich cell wall protein	143	27.749
3086	AC006220	Arabidopsis thaliana hypothetical protein	354	51.724
3087	X61295	Rattus norvegicus L1 retroposon, a portion of its ORF2 sequence	308	39.735
3088	AB029011	Homo sapiens KIAA1088 protein	4037	86.686
3089	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	419	71.134
3090	Z28201	Saccharomyces cerevisiae ORF YKL201c	151	27.273
3091	AB002336	Homo sapiens KIAA0338	6169	99.893
3092	AF159297	Zea mays extensin-like protein	284	25.967
3093	X92485	Plasmodium vivax pval	269	58.333
3094	AF060570	Mus musculus rig-1 protein	1698	73.156
3095	AF118223	Arabidopsis thaliana No definition line found	217	50.704
3096	U20107	Mus musculus synaptotagmin VIII	1134	69.922
3097	X51394	Xenopus laevis APEG precursor protein	376	36.861
3098	X79510	Homo sapiens protein-tyrosine-phosphatase	6982	97.056
3099	AF112299	Homo sapiens integral inner nuclear membrane protein MAN1	342	44.800
3100	Z28201	Saccharomyces cerevisiae ORF YKL201c	357	36.747
3101	U09367	Homo sapiens zinc finger protein ZNF136	577	52.717
3102	AF121009	Mycobacterium tuberculosis H37Rv hypothetical protein Jv0534	183	31.609
3103	U37263	Homo sapiens KRAB zinc finger protein; Method: conceptual translation supplied by author	385	57.692
3104	AB007447	Homo sapiens Fln29	165	62.745
3105	D13641	Homo sapiens mitochondrial outer membrane protein 19	416	75.962
3106	U41007	Caenorhabditis elegans similar to G beta repeats (PROSITE:PS00670)	280	37.226
3107	Z82268	Unknown predicted using Genefinder; similar to CUTICLE COLLAGEN 34; cDNA EST EMBL:D65629 comes from	227	35.971
3108	M73980	Homo sapiens TAN1	6446	98.970
3109	AC006293	Homo sapiens immunoglobulin-like transcript 10 protein	2290	88.060
3110	AF060248	Arabidopsis thaliana unknown	420	35.547
3111	X07881	Homo sapiens proline-rich protein G1	248	27.313
3112	U91318	Homo sapiens Gene product with similarity to Multidrug resistance protein MRP1	397	60.484
3113	U68488	Homo sapiens 5-hydroxytryptamine7 receptor isoform d	2150	82.989
3114	AJ245587	Homo sapiens Kruppel-type zinc finger	247	35.648
3115	U33460	Homo sapiens DNA-directed RNA polymerase I, largest subunit	1923	98.371
3116	AF159297	Zea mays extensin-like protein	231	35.581
3117	AL035423	Homo sapiens dJ20I3.1 (brain mitochondrial carrier protein-1 (BMCP1))	932	86.982
3118	U22376	Homo sapiens alternatively spliced product using exon 13A	322	58.000
3119	AL117201	Caenorhabditis elegans predicted using Genefinder	228	26.063
3120	Z67990	Caenorhabditis elegans similar to cuticle collagen	217	29.097
3121	AF151840	Homo sapiens CGI-82 protein	463	42.000
3122	D14539	Homo sapiens LTG19	72	29.885
3123	U05227	Homo sapiens Rar protein	1386	66.460
3124	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	248	56.818

3125	U53155	Unknown Similar to cuticular collagen; coded	182	30.544
		for by C. elegans cDNA yk58e6.3; coded for by		
		C. elega		ļ <u>.</u>
3126	K03208	Homo sapiens salivary proline-rich protein	73	33.333
		precursor		
3127	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	199	53.333
3128	AB014578	Homo sapiens KIAA0678 protein	6383	98.242
3129	U49974	Homo sapiens mariner transposase	763	73.298
3130	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	230	52.475
3131	U15181	Mycobacterium leprae 4-coumarate-coA ligase	787	40.000
3132	X06956	Homo sapiens alpha-tubulin	2225	92.521
3133	U22376	Homo sapiens alternatively spliced product using exon 13A	448	65.179
3134	Z97336	Arabidopsis thaliana hypothetical protein	722	37.755
3135	AF045646	Caenorhabditis elegans contains similarity to	138	29.646
		collagens		
3136	AC005360	Homo sapiens FAA	501	41.962
3137	Z35597	Unknown Weak similarity with sea squirt nidogen	760	36.188
		precursor protein (blastp score 71); cDNA EST EMBL:		
3138	M80344	Homo sapiens ORF1 codes for a 40 kDa product	333	50.450
3139	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	345	54.032
3140	L01775	Daucus carota proline-rich protein	273	35.211
3141	D90813	Escherichia coli ORF ID:o322#7; similar to	718	34.388
3142	AF063613	Homo sapiens 2'-5'oligoadenylate synthetase 3	7385	98.896
3143	J04974	Homo sapiens alpha-2 type XI collagen	196	29.435
3144	AF077538	Caenorhabditis elegans unknown	213	23.353
3145	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	332	59.048
3146	AF159297	Zea mays extensin-like protein	368	29.979
3147	M74027	Homo sapiens mucin	262	26.357
3148	U22376	Homo sapiens alternatively spliced product using exon 13A	399	73.494
3149	Z68215	Unknown similar to collagen; cDNA EST EMBL:D69371 comes from this gene; cDNA EST EMBL:D65671 comes	166	35.294
3150	M63798	Blaberus discoidalis cytochrome P450	653	50.711
3151	Z48045	Caenorhabditis elegans sre-2	1047	48.817
3152	AF104413	Homo sapiens large tumor suppressor 1	1687	72.566
3153	AF121009	Mycobacterium tuberculosis H37Rv hypothetical protein Jv0534	206	33.333
3154	L35013	Homo sapiens spliceosomal protein	215	32.877
3155	U24246	Drosophila melanogaster I71-7	302	28.926
3156	Z83232	Unknown cDNA EST EMBL:D26959 comes from this gene; cDNA EST EMBL:D26963 comes from this gene; cDNA	380	27.711
3157	AC007228	Homo sapiens BC37295 1	647	47.005
3158	U32447	Trypanosoma cruzi mucin-like protein	182	37.795
3159	U97006	Caenorhabditis elegans No definition line found	308	36.913
3160	AJ131535	Zea mays Hydroxyproline-rich Glycoprotein (HRGP)	204	22.464
3161	U48852	Cricetulus griseus HT protein	1918	76.453
3162	AF177758	Homo sapiens ubiquitin specific protease 16	1185	75.781
3163	U38252	Mus musculus fractionated X-irradiation-induced 29 thymoma	1015	60.702
3164	U76618	Mus musculus N-RAP	1163	48.603
3165	AF159297	Zea mays extensin-like protein	252	29.502
3166	U40029	Caenorhabditis elegans Contains similarity to Pfam domain: PF01060 (Worm_family_2), Score=203.8, E-value=8.6e-58, N=1	431	33.918

3167	M36912	Zea mays cell wall protein (put.); putative	245	30.072
3168	AF108843	Homo sapiens env protein	680	34.195
3169	AF022985	Unknown Similar to collagen; coded for by C.	215	32.719
3103	711 022 303	elegans cDNA yk55f3.3; coded for by C. elegans cDNA	213	32.713
3170	AB028954	Homo sapiens KIAA1031 protein	2361	48.748
3171	M17802	Plasmodium falciparum circumsporozoite protein	213	28.676
3172	AF067165	Homo sapiens zinc finger protein 3	780	61.677
3173	U53154	Caenorhabditis elegans No definition line found	310	21.905
3174	Y12713	Mus musculus Gag polyprotein	516	43.210
3175	U95090	Homo sapiens F19541 1	1909	64.974
3176	X67156	Rattus norvegicus (S)-2-hydroxy-acid oxidase	1033	69.068
3177	S62936	Homo sapiens PRB1S precursor protein=basic proline-rich proteins (Ps, PmF, PmS, and Pe) precursor {C-terminal}	206	31.140
3178	M97347	Homo sapiens beta-1,6-N-acetylglucosaminyltransferase	343	72.973
3179	U60315	Molluscum contagiosum virus subtype 1 MC132L	484	41.429
3180	U58658	Homo sapiens unknown	257	62.162
3181	U93574	Homo sapiens putative p150	358	40.092
3182	U93571	Homo sapiens p40	409	42.941
3183	AC004235	Homo sapiens Myt1	359	51.163
3184	U40187	Caenorhabditis elegans C. elegans cuticle collagen col-8	169	31.472
3185	U79260	Homo sapiens unknown	288	58.696
3186	Z46787	Unknown cDNA EST EMBL:D75506 comes from this gene; cDNA EST EMBL:D72588 comes from this gene; cDNA	376	46.497
3187	U23514	Caenorhabditis elegans No definition line found	321	32.000
3188	U79260	Homo sapiens unknown	288	58.696
3189	U22376	Homo sapiens alternatively spliced product using exon 13A	445	56.115
3190	AC005175	Homo sapiens R31449 3	1854	57.739
3191	AJ010949	Mus musculus calcium channel alpha-2-delta-C subunit	448	41.667
3192	บ97553	murine herpesvirus 68 unknown	375	33.992
3193	L06147	Homo sapiens golgin-95	469	59.854
3194	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	438	77.895
3195	บ97553	murine herpesvirus 68 unknown	197	31.276
3196	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	692	66.111
3197	X54162	Homo sapiens 64 Kd autoantigen	958	42.523
3198	S78234	Homo sapiens H-NUC=nuclear DNA binding protein	976	74.297
3199	U79260	Homo sapiens unknown	324	62.637
3200		Homo sapiens protocadherin beta 9	1129	73.061
3201	AF006065	Fowlpox virus gag	296	31.474
3202	AF056617	Homo sapiens BWSCR2 associated zinc-finger protein BAZ1	1075	61.176
3203	U93566	Homo sapiens p40	263	47.706
3204	M34551	Homo sapiens 52-kD Ro/SSA ribonucleoprotein	376	36.321
3205		Homo sapiens ORF1; putative	223	31.679
3206	AC004883	Homo sapiens similar to KIAA0766; similar to PID:g3882253	434	26.087
3207	L11672	Homo sapiens zinc finger protein	864	43.077
3208	AJ225122	Mus musculus hyperpolarization-activated cation channel, HAC1	138	34.783
3209	AF071172	Homo sapiens HERC2	4696	97.127
3210	AB011532	Rattus norvegicus MEGF6	2066	74.143
3211	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	373	72.826
3212	U09116	Homo sapiens ORF1, encodes a 40 kDa product	238	39.706

3213	U85494	Zea mays LON1 protease	1001	56.238
3213	AF027973	Nephila clavipes flagelliform silk protein	1881	29.014
3214	M17491	Mus musculus procollagen type I alpha chain	220	31.556
3216	AF132947	Homo sapiens CGI-13 protein	676	86.131
3217	U93564	Homo sapiens p40	227	28.571
3217	X69115	Homo sapiens ZNF37A	284	33.333
3218	AF045646	Caenorhabditis elegans contains similarity to	182	34.363
3219	AFU4JU40	collagens	102	34.363
3220	X63005	Mus musculus proline-rich protein	240	36.123
3221	AF132181	Drosophila melanogaster unknown	951	33.564
3222	AF081789	Mus musculus cell surface antigen AA4	359	28.053
3223	AF020261	Santalum album proline rich protein	210	29.811
3224	U09413	Homo sapiens zinc finger protein ZNF135	1531	53.753
3225	U22376	Homo sapiens alternatively spliced product	305	65.517
3223	022370	using exon 13A	303	03.317
3226	AL023776	Schizosaccharomyces pombe hypothetical protein	363	26.359
3227	AL009196	Unknown /prediction=(method:""genefinder"",	858	37.209
		version:""084"", score:""59.41"");		
		/prediction=(metho		
3228	U09413	Homo sapiens zinc finger protein ZNF135	1801	58.093
3229	Y12713	Mus musculus Pro-Pol-dUTPase polyprotein	296	38.636
3230	М73980	Homo sapiens TAN1	10993	98.985
3231	AF181640	Drosophila melanogaster BcDNA.GH09817	553	45.575
3232	AF043642	Rattus norvegicus matrin cyclophilin	328	31.164
3233	AF121009	Mycobacterium tuberculosis H37Rv hypothetical	212	33.163
		protein Jv0534		
3234	M73491	Mus musculus N-acetylglucosaminyltransferase I	499	37.193
3235	X55777	Homo sapiens put. ORF	261	60.526
3236	X15332	Homo sapiens alpha-1 (III) collagen	118	32.824
3237	X05830	Mus musculus ORF2 product	778	73.034
3238	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	416	71.134
3239	AF067946	Caenorhabditis elegans similar to Drosophila	376	25.683
		ring canal protein (kelch) (SW:Q04652)		
3240	AF015037	Oryctolagus cuniculus endooligopeptidase A	3012	90.154
		related protein; EOPA related protein		
3241	AF130441	Arabidopsis thaliana UVB-resistance protein	255	30.729
		UVR8	ļ	
3242	U10281	Sus scrofa gastric mucin	199	24.405
3243	U93305	Homo sapiens triple LIM domain protein	406	47.863
3244	U20106	Rattus norvegicus synaptotagmin VII	1036	88.679
3245	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	359	66.337
3246	AF038963	Homo sapiens RNA helicase	584	31.690
3247	X92517	Saccharomyces cerevisiae N1751	291	29.614
3248	Z11773	Homo sapiens SRE-ZBP	2709	97.810
3249		Homo sapiens KIAA0592 protein	8487	97.938
3250	M65014	Ovine pulmonary adenocarcinoma virus pol	377	41.358
3251	Z69635	protein	F2C	40 720
3231	409033	Unknown Similarity to Yeast uridine kinase (SW:URK1 YEAST); cDNA EST EMBL:Z14695 comes	536	40.728
		from this ge	1	
3252	AB028987	Homo sapiens KIAA1064 protein	821	34.926
3253	U22376	Homo sapiens alternatively spliced product	398	78.824
3233	322370	using exon 13A	1 3 7 6	70.024
3254	M14123	Homo sapiens pol/env ORF (bases 3878-8257)	781	33.830
		first start codon at 4172; Xxx; putative	'''	
3255	AJ010262	Mus musculus MT5-MMP protein	338	29.845
3256	U09366	Homo sapiens zinc finger protein ZNF133	1237	54.545
3257	AJ388557	Canis familiaris zinc finger protein	703	46.154
3258	U46068	Mus musculus von Ebner minor salivary gland	573	55.172
	·		ı - · -	

		Invatain	1	
3259	U13766	protein	794	29.542
3259	AF069307	Murine leukemia virus gag-pol polyprotein Homo sapiens sodium-dependent multivitamin	1040	52.765
3260	AF069307	transporter	1040	32.765
3261	AF041082	Rattus norvegicus transmembrane receptor Robol	312	26.518
3262	X87342	Homo sapiens Human giant larvae homologue	3108	95.609
3263	AF159297	Zea mays extensin-like protein	291	31.768
3264	D32050	Homo sapiens alanyl-tRNA synthetase	1303	37.074
3265	U22376	Homo sapiens alternatively spliced product using exon 13A	333	70.886
3266	D10923	Homo sapiens HM74	601	39.597
3267	AL023893	Drosophila melanogaster	489	32.500
		<pre>/prediction=(method:""genefinder"", version:""084"", score:""111.64""); /prediction=(method:""genscan"", version:""1.0"")</pre>		
3268	D10280	Oryctolagus sp. myosin heavy chain	647	33.559
3269	L19267	Homo sapiens putative	3331	95.104
3270	AB014604	Homo sapiens KIAA0704 protein	3282	97.619
3271	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	463	43.443
3272	AF182946	Rattus norvegicus BRCA1-associated RING domain protein 1	305	31.621
3273	U09413	Homo sapiens zinc finger protein ZNF135	558	41.277
3274	U60416	Rattus norvegicus myr 6 myosin heavy chain	2703	93.187
3275	AF100318	Homo sapiens mitogen-activated protein kinase	183	40.268
2276	B30353	kinase kinase 6	201	22 650
3276	Z79757	Unknown Similarity to Candida CDC4 gene (TR:E234056); cDNA EST EMBL:D27699 comes from this gene; cD	201	22.659
3277	AF044924	Homo sapiens hook2 protein	773	48.630
3278	AB011096	Homo sapiens KIAA0524 protein	347	61.607
3279	M27685	Mus musculus ultra-high sulphur keratin	255	48.193
3280	AL117532	Homo sapiens hypothetical protein	5467	97.852
3281	AB017616	Mus musculus homologous to the yeast YGR163 gene	2208	96.089
3282	S58722	Homo sapiens X-linked retinopathy protein {C-terminal, clone XEH.8c}	243	69.231
3283	AF072508	Homo sapiens envelope protein	165	43.182
3284	AL096811	Streptomyces coelicolor A3(2) putative acyl-CoA dehydrogenase	916	36.057
3285	AJ010046	Homo sapiens guanine nucleotide-exchange factor	2311	99.711
3286	U70932	Peromyscus leucopus reverse transcriptase	2311	41.071
3287		Homo sapiens CAGF28	4578	97.312
3288	AL009147	Unknown /prediction=(method:""genscan"",	1309	49.883
3200	ALOUSIA	version:""1.0"", score:""184.75"");	1309	49.003
3289	AJ000008	/prediction=(method:	9514	99.517
3289	AC004983	Homo sapiens PI3-kinase	2934	94.456
3290	U15174	Homo sapiens similar to PID:g3877944 Homo sapiens BCL2/adenovirus E1B 19kD-	2934	65.169
ł		interacting protein 3		
3292	AL117204	Caenorhabditis elegans predicted using Genefinder	301	35.047
3293	M13100	Rattus norvegicus unknown protein	216	53.750
3294	Z46241	Unknown carboxyl terminus of the predicted protein shows similarity to chimaerin; cDNA EST	582	33.038
		EMBL: Z14		
3295	D89340	Rattus norvegicus dipeptidyl peptidase III	3642	87.106
3296	U22376	Homo sapiens alternatively spliced product using exon 13A	355	63.636

3297	AC004665	Arabidopsis thaliana unknown protein	270	24.756
3298	AF001958	Ambystoma tigrinum electrogenic Na+ bicarbonate	1829	56.031
		cotransporter; NBC		
3299	AF159297	Zea mays extensin-like protein	393	30.481
3300	U70932	Peromyscus leucopus reverse transcriptase	231	54.878
3301	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	625	58.768
3302	Z11773	Homo sapiens SRE-ZBP	2709	97.810
3303	AF071491	Homo sapiens potassium channel	5524	98.171
3304	X92485	Plasmodium vivax pval	259	48.980
3305	AF055084	Homo sapiens very large G-protein coupled	11286	99.319
		receptor-1		
3306	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	287	70.130
3307	AF111169	Homo sapiens KIAA0759	1021	44.965
3308	D12485	Homo sapiens The first in-frame ATG codon is	5619	93.545
		located at nucleotides 17-19, followed by a		
		second ATG codon 52 codons downstream. And the		
		second ATG codon is potential initiation point		
		for translation of NPPase.		
3309	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	627	56.682
3310	279694	Caenorhabditis elegans predicted using	164	31.414
		Genefinder; similar to collagen		
3311	X92485	Plasmodium vivax pval	335	64.516
3312	AC004005	Arabidopsis thaliana unknown protein	246	30.286
3313	D90886	Escherichia coli CDP-DIACYLGLYCEROLSERINE O-	880	86.335
		PHOSPHATIDYLTRANSFERASE (EC 2.7.8.8)		
		(PHOSPHATIDYLSERINE SYNTHASE).		
3314	U79260	Homo sapiens unknown	288	58.696
3315	U22376	Homo sapiens alternatively spliced product	481	84.706
		using exon 13A		
3316	U22376	Homo sapiens alternatively spliced product	417	73.913
		using exon 13A		
3317	AL023702	Streptomyces coelicolor hypothetical protein	420	39.524
		SC1C3.11		
3318	X91114	Gorilla gorilla interleukin-8 receptor type B	1216	86.036
3319	U22376	Homo sapiens alternatively spliced product	445	82.353
	1	using exon 13A		
3320	AB023164	Homo sapiens KIAA0947 protein	9067	100.000
3321	X89985	Homo sapiens BCL7B	1109	96.629
3322	L08475	Xenopus laevis ubiquitin-like fusion protein	582	38.936
3323	Y07829	Homo sapiens RING finger protein	2983	97.516
3324	Z66519	Caenorhabditis elegans similar to Thiamine	1141	44.550
		pyrophosphate enzymes; cDNA EST EMBL: D36315		1
		comes from this gene; cDNA EST EMBL: D33464	-	
		comes from this gene		
3325	AC005581	Homo sapiens R31237 1, partial CDS	439	96.825
3326		Homo sapiens putative protein B2	5058	100.000
3327	AB011113	Homo sapiens KIAA0541 protein	7644	99.828
3328	AF061443	Rattus norvegicus G protein-coupled receptor	1574	91.603
	1	LGR4		
3329	AC007168	Arabidopsis thaliana hypothetical protein	157	44.643
3330	AB002365	Homo sapiens kIAA0367	4745	99.860
3331	AL080173	Homo sapiens hypothetical protein	2968	100.000
3332	AF067864	Homo sapiens transferrin receptor 2 alpha	5197	99.501
3333	X64587	Mus musculus orf	3202	99.184
3334	U22232	Felis catus ribosomal protein S4	1702	99.237
3335		Sus scrofa ribosomal protein	168	72.917
3336	U88154	Homo sapiens proline and glutamic acid rich	6446	81.135
3330	555154	nuclear protein isoform	0440	01.133
3337	AF094480	Homo sapiens cholesterol 24-hydroxylase	3332	100.000
	L 121 0 2 4 4 0 0	1 nowo papiens choicaccior 54-nantoxarase	1 2222	1 100.000

3338	AB006622	Homo sapiens No similarities to any reported	8935	100.000
		proteins		
3339	AB018273	Homo sapiens KIAA0730 protein	6572	99.801
3340	X03484	Homo sapiens raf protein (aa 1-648)	2262	88.993
3341	U87305	Rattus norvegicus transmembrane receptor UNC5H1	2655	93.119
3342	X97490	Mus musculus PNG protein	445	70.833
3343	M74509	Homo sapiens , gene product	541	87.255
3344	X98654	Homo sapiens homologue of Drosphila retinal	7913	98.030
		degeneration B gene		
3345	AL035289	Homo sapiens hypothetical protein	5256	100.000
3346	AF132160	Drosophila melanogaster unknown	601	54.187
3347	M22332	Homo sapiens unknown protein	166	26.050
3348	AB020695	Homo sapiens KIAA0888 protein	4258	98.108
3349	AB012162	Homo sapiens APCL protein	14441	100.000
3350	AF011359	Bos taurus regulator of G-protein signaling 7	2957	98.874
3351	AL050321	Homo sapiens dJ717M23.1 (novel gene)	4999	99.868
3352	U60269	Homo sapiens putative envelope protein; orf	329	86.441
		similar to env of Type A and Type B	0-3	
		retroviruses and to class II HERVs	i	
3353	AF182946	Rattus norvegicus BRCA1-associated RING domain	449	41.711
		protein 1		
3354	AB002299	Homo sapiens KIAA0301	13484	99.951
3355	L08483	Drosophila melanogaster ring canal protein	466	31.104
3356		Homo sapiens hypothetical protein	4659	99.713
3357	X73874	Homo sapiens phosphorylase kinase	4572	98.770
3358	U21163	Ictalurus punctatus No definition line found	449	71.698
3359	AF083249	Homo sapiens Rb binding protein homolog	2736	98.265
3360	AB007931	Homo sapiens KIAAO462 protein	14285	98.466
3361	A01592	Homo sapiens haemoglobin A beta chain	329	81.159
3362	U41387	Homo sapiens Gu protein	1	99.750
3363	X71997		5179	
3364	1	Rattus norvegicus myosin I	4970	98.037
	AF071076	Homo sapiens Nup98-Nup96 precursor	11033	98.775
3365	AB006630	Homo sapiens KIAA0292	11483	99.883
3366	AF038554	Homo sapiens density regulated protein drpl	1548	98.745
3367	U29659	Human endogenous retrovirus pol gene product	206	42.708
3368	AB000884	Sus scrofa glutathione S-transferase	390	78.571
3369	AF151800	Homo sapiens CGI-41 protein	587	99.010
3370	AF151889	Homo sapiens CGI-131 protein	430	81.395
3371	AJ131581	Homo sapiens latrophilin-2	6260	94.515
3372	AF077030	Homo sapiens hypothetical 43.2 kDa protein	496	73.684
3373	D83776	Homo sapiens The KIAA0191 gene is expressed	10130	99.081
		ubiquitously.; The KIAA0191 protein retains the	1	
		C2H2 zinc-finger at its N-terminal region.		
3374	AF145681	Drosophila melanogaster BcDNA.LD23181	1099	36.813
3375	AL050022	Homo sapiens hypothetical protein	4172	99.675
3376	AF054284	Homo sapiens spliceosomal protein SAP 155	8400	98.471
3377	U72194	Mus musculus muskelin	1229	94.359
3378	Z70038	Homo sapiens Similarity to Human hnRNP F	436	38.298
		protein (PIR Acc. No. S43484); cDNA EST		
		EMBL:D34218 comes from		
3379	L14684	Rattus norvegicus elongation factor G	2295	86.885
3380	X96586	Homo sapiens FAN protein	4394	99.695
3381	AF076612	Homo sapiens chordin	5666	99.750
3382	AL080159	Homo sapiens hypothetical protein	2446	99.169
3383	AF139639	Oryctolagus cuniculus serum and glucocorticoid-	1791	67.990
		regulated protein kinase		
3384	AC003058	Arabidopsis thaliana unknown protein	443	43.671
3385	AB019409	Homo sapiens unique gene expressed in	942	88.780
L		fibroblasts of periodontal ligament	<u></u>	

2206	NET 25 202	Home contone inpulin induced protein 2	1251	00 040
3386	AF125392	Homo sapiens insulin induced protein 2	1354 296	99.048 58.333
3387	AL050261	Homo sapiens hypothetical protein	1501	78.472
3388	U44803	Rattus norvegicus ovarian-specific protein		43.243
3389	X66285	Mus musculus HC1 ORF	207	
3390	AC004542	Homo sapiens OXYSTEROL-BINDING PROTEIN-like; similar to P22059 (PID:g129308)	2447	99.461
3391	AF067164	Homo sapiens zinc finger protein 2	1051	67.647
3392	Z78018	Caenorhabditis elegans predicted using Genefinder; similar to serine/threonine kinase; cDNA EST yk353d10.5 comes from this gene	1442	35.812
3393	AB011084	Homo sapiens KIAA0512 protein	963	43.026
3394	AB018288	Homo sapiens KIAA0745 protein	1002	63.248
3395	U12535	Homo sapiens epidermal growth factor receptor	1336	42.159
		kinase substrate		
3396	AF009674	Homo sapiens axin	6111	99.667
3397	AF049528	Homo sapiens huntingtin-interacting protein HYPA/FBP11	2902	99.115
3398	D86978	Homo sapiens similar to a C.elegans protein encoded in cosmid K12D12(Z49069)	13202	99.950
3399	Z15005	Homo sapiens CENP-E	3619	93.344
3400	AB011166	Homo sapiens KIAA0594 protein	5703	100.000
3401	AC007229	Homo sapiens dynamin II (AA 474-866)	474	88.889
3402	D63487	Homo sapiens The KIAA0153 gene product is related to a putative C.elegans gene encoded in cosmid F42A8.	4319	99.844
3403	AL032626	Caenorhabditis elegans predicted using Genefinder	322	47.826
3404	X63563	Homo sapiens RNA polymerase II 140 kDa subunit	4568	96.728
3405	D88315	Mus musculus tetracycline transporter-like protein	1371	70.279
3406	AB026257	Homo sapiens organic anion transporter OATP-C	1047	35.031
3407	AL080220	Homo sapiens hypothetical protein	2359	100.000
3408	AJ005898	Homo sapiens shal-type potassium channel	4209	99.691
3409	U03399	Homo sapiens T-complex protein 10A	801	74.011
3410	AF111170	Homo sapiens unknown	1357	100.000
3411	AB029032	Homo sapiens KIAA1109 protein	12865	99.898
3412	U22376	Homo sapiens alternatively spliced product using exon 13A	326	72.368
3413	X78926	Homo sapiens zinc finger protein	2804	98.500
3414	AF064254	Homo sapiens very long-chain acyl-CoA	3003	96.473
		synthetase homolog 1; VLCS-H1		
3415	AF090834	Homo sapiens malonyl coenzyme A decarboxylase	3243	100.000
3416	D38521	Homo sapiens The ha0919 gene product is novel.	11907	99.333
3417	AF023674	Homo sapiens nephrocystin	4666	98.909
3418	D86957	Homo sapiens similar to Drosophila melanogaster septin (sep2).	2094	69.456
3419	L41686	Rattus norvegicus ORF	219	30.435
3420	AF062378	Mus musculus calmodulin-binding protein SHA1	1641	68.085
3421	Z36948	Unknown contains a valine and arginine rich domain, possesses weak similarity with the RNA binding	243	46.212
3422	AB014524	Homo sapiens KIAA0624 protein	13154	99.950
3423	X85991	Mus musculus semaphorin B	1768	78.916
3424	AC007018	Arabidopsis thaliana unknown protein	1778	42.653
3425	AB029040	Homo sapiens KIAA1117 protein	8856	99.927
3426	AB028956	Homo sapiens KIAA1033 protein	7779	100.000
3427	AB014576	Homo sapiens KIAA0676 protein	8297	99.367
3428	AF094508	Homo sapiens dentin phosphoryn	193	20.090
3429	AF094758	Homo sapiens nasopharyngeal epithelium specific	1779	98.940
		· · · · · · · · · · · · · · · · · · ·	•	

		Invotain 1	1	T
3430	AC006135	protein 1 Arabidopsis thaliana putative vicilin storage	358	31.250
3430	AC006133	protein (globulin-like)	338	31.250
3431	AL110210	Homo sapiens hypothetical protein	6927	99.899
	M24401	Mus musculus zinc finger protein	527	29.032
3433		Homo sapiens KIAA0634 protein	8726	99.244
3433	AF145632	Drosophila melanogaster BcDNA.GH06032	2127	51.073
3434_	AF005632	Homo sapiens phosphodiesterase I/nucleotide	6023	99.543
		pyrophosphatase beta		
3436	AB016930	Cricetulus griseus Phosphatidylglycerophosphate synthase	3235	89.292
3437	AL031765	Unknown /prediction=(method:""genefinder"", version:""084"", score:""31.96""); /prediction=(metho	463	35.021
3438	AB023151	Homo sapiens KIAA0934 protein	6529	79.710
3439	AF155112	Homo sapiens NY-REN-50 antigen	1773	100.000
3440	AF124726	Homo sapiens acinusL	8287	99.070
3441	AF132180	Drosophila melanogaster unknown	796	36.267
3442	Z66524	Caenorhabditis elegans Homology with Squid retinal-binding protein (PIR Acc. No. A53057); cDNA EST yk463d10.3 comes from this gene; cDNA EST yk663h12.3 comes from this gene	1534	44.925
3443	AC007017	Arabidopsis thaliana putative RNA helicase A	936	40.690
3444	M26576	Homo sapiens alpha-1 type IV collagen	12444	99.880
3445	AC004381	Homo sapiens Unknown gene product	2096	76.321
3446	AF126867	Mus musculus calpain-like protease	1171	75.229
	X98411	Homo sapiens myosin-IE	1052	89.888
3448	AB018339	Homo sapiens KIAA0796 protein	7069	99.722
3449	U49829	Caenorhabditis elegans short region of weak similarity to human folicular variant translocation protein 1 precursor (FVT-1) (GB:X63657)	152	38.053
3450	AB007925	Homo sapiens KIAA0456 protein	7124	99.635
3451	AL110295	Schizosaccharomyces pombe hypothetical protein	173	44.156
3452	Z81569	Caenorhabditis elegans K11B4.2	188	33.663
3453	D86957	Homo sapiens similar to Drosophila melanogaster septin (sep2).	3283	100.000
3454	AF131739	Homo sapiens Unknown	354	48.077
3455	U62961	Homo sapiens succinyl CoA:3-oxoacid CoA transferase precursor	1658	75.802
3456	AF020760	Homo sapiens serine protease	2004	92.655
3457	AF152961	Homo sapiens chromatin-specific transcription	5752	99.665
		elongation factor FACT 140 kDa subunit		
3458	U89876	Mus musculus ALY	1419	93.562
3459		Santalum album proline rich protein	264	41.060
3460		Homo sapiens Unknown gene product splice form-1	1337	82.186
3461	AB029022	Homo sapiens KIAA1099 protein	1600	58.085
3462	U76638	Homo sapiens BRCAl-associated RING domain protein	284	29.231
3463	AF007152	Homo sapiens unknown	2948	100.000
3464	D80001	Homo sapiens similar to hypothetical protein D4478 of S.cerevisiae.	4857	98.558
3465	AB018347	Homo sapiens KIAA0804 protein	7881	99.423
	AL009266		889	56.623
3466		Homo sapiens hypothetical protein	902	
3467 3468	Z38011	Mus musculus DMR-N9	5242	51.203
	AB014557	Homo sapiens KIAA0657 protein	1	100.000
3469	AF176069	Homo sapiens ubiquilin	3836	99.832
3470	AF139923 AJ131244	Mus musculus receptor-activated calcium channel Homo sapiens Sec24A protein	576 7090	76.119
3471				

2472	7 - 1 0 1 0 5 0	I them are the continue of the	10551	104 444
3472	AF121858	Homo sapiens sorting nexin 8	2551	94.444
3473	AF042838	Homo sapiens MEK kinase 1	9864	99.666
3474	U62325	Homo sapiens FE65-like protein	4917	99.454
3475	AC007017	Arabidopsis thaliana putative RNA helicase A	1507	44.128
3476	AL050367	Homo sapiens hypothetical protein	5840	99.327
3477	Z82090	Unknown similar to Alpha-2-macroglobulin family	539	31.844
		(3 domains); cDNA EST EMBL: D67502 comes from		
2470	77.05.01.5.6	this g	20.60	100 000
3478	AL050156	Homo sapiens hypothetical protein	2269	100.000
3479	U05343	Mus musculus zinc finger protein PZF	1083	95.906
3480	U57368	Mus musculus EGF repeat transmembrane protein	4656	94.102
3481	L20900	Rattus norvegicus autoantigen p69	536	38.138
3482	AF079529	Homo sapiens cAMP-specific phosphodiesterase	4297	99.848
		8B; PDE8B1; 3',5'-cyclic nucleotide		
2402	77107110	phosphodiesterase	000	15.540
3483	AF127142	Homo sapiens NeuAc-alpha-2,3-Gal-beta-1,3-	809	47.510
		GalNAc-alpha-2,6-sialyltransferase alpha2,6-		
2404	544400	sialyltransferase	4.68.4	-
3484	D44480	Mus musculus MATH-2 protein	1674	99.592
3485	AF173937	Homo sapiens secreted protein of unknown	1013	98.160
2406	7.505.16	function	7115	100 000
3486	AF059516	Homo sapiens tolloid-like 2 protein	7115	100.000
3487	AB018329	Homo sapiens KIAA0786 protein	6700	99.804
3488	AF055666	Mus musculus kinesin light chain 2	790	69.417
3489	AF073481	Homo sapiens polycystin-L	5199	99.009
3490	AF041483	Homo sapiens histone macroH2A1.2	180	86.842
3491	AL117626	Homo sapiens hypothetical protein	704	47.857
3492	D87742	Homo sapiens Similar to Human C219-reactive	7834	99.749
2402	1150101	peptide (L34688)		22.52
3493	X59131	Homo sapiens hypothetical protein	7217	99.634
3494	U11036	Homo sapiens Ibdl	355	97.297
3495	AB025258	Mus musculus granuphilin-a	680	38.344
3496	Y08134	Homo sapiens acid sphingomyelinase-like	3187	99.140
2407	AD017562	phosphodiesterase	0.40	56 757
3497	AB017563	Homo sapiens IGSF4	242	56.757
3498	AB028983 AF074091	Homo sapiens KIAA1060 protein	5731	99.887
3499		Homo sapiens islet-brain 1	4770	98.312
3500	AF015287	Homo sapiens serine protease	1109	55.593
3501	AB007903	Homo sapiens KIAA0443	664	28.660
3502	AF056116	Fugu rubripes unknown	1400	57.398
3503	AC004997	Homo sapiens match to ESTs Z43979	1188	98.953
		(NID:g573097), R19699 (NID:g774333), T59198		
3504	U32743	(NID:g661035), and AA027979 (NID:g1494038)	200	44 202
3304	032743	Haemophilus influenzae Rd fucose operon protein (fucU)	286	44.203
3505	Y08715	Mus musculus vascular cadherin-2	202	26 420
3506	Z73428	Unknown predicted using Genefinder; cDNA EST	283 565	26.439 44.053
3300	2/3420	EMBL:T01774 comes from this gene; cDNA EST	202	44.053
		yk470a9.3 c		
3507	AL080170	Homo sapiens hypothetical protein	2968	99.772
3508	AF151807			
3508	D88747	Homo sapiens CGI-49 protein	2752	99.532
3510	U47024	Arabidopsis thaliana AR401	450	39.336
3510		Mus musculus MEM3	3396	97.101
	Y09022	Homo sapiens Not56-like protein	1730	100.000
3512	AF116826	Homo sapiens putative protein-tyrosine kinase	4796	99.723
3513	U93181	Homo sapiens nuclear dual-specificity	11068	99.000
3514	AB011180	phosphatase	E 244	00 033
3514		Homo sapiens KIAA0608 protein	5244	99.871
2212	X73882	Homo sapiens microtubule associated protein	708	39.868

1931 1938 1939	3516	AC004475	Homo sapiens F23858 1	3752	97.213
encoded in cosmid T20D3 (268220).					
3518 U93868 Homo saplens RNA polymerase III subunit	551 /	D07071		0,55	30.034
3519 X34693 Mus musculus testis fuclear RNA binding protein 1245 88.444 3520 AP10765 Homo sapiens RNS-17 3676 3676 3521 AP7070594 Homo sapiens RNS-11 sulfotransferase 403 28.344 3522 AF121080 Mus musculus CAMF inducible 1 protein 2332 81.406 3523 AF141315 Homo sapiens alpha-1,4-N= 336 36.301 3524 U72520 Mus musculus mena protein 1198 80.992 3525 A0003125 Homo sapiens procollagen I N-proteinase 5516 99.423 3526 Z1595 Homo sapiens procollagen I N-proteinase 5516 99.423 3527 AF111785 Homo sapiens procollagen I N-proteinase 5516 99.423 3528 U43148 Homo sapiens myosin heavy chain IIx/d 12060 99.433 3528 U43148 Homo sapiens patched gene homology similar to Drosophila patched protein, Swiss-Prot Accession Number P18502; transmembrane protein; Method: conceptual translation supplied by author 3529 AB002361 Homo sapiens KIAA0363 9948 99.277 3530 D31886 Homo sapiens KIAA0363 9948 99.277 3531 AP062389 Rattus norvegicus kidney-specific protein 1795 78.593 3532 AB020716 Homo sapiens KIAA0066 6664 100.000 3531 AP062389 Rattus norvegicus kidney-specific protein 1297 78.593 3532 AB020716 Homo sapiens KIAA0090 protein 8247 98.464 3535 D38231 Ozyza sativa RWD 3536 AF071544 Spiencia oleracea ribulose-1,5-bisphosphate 405 28.990	3518	U93868		447	46.196
3570 API34726 Homo sapiens NG37 3676 98.435					
3522 AF070594 Homo sapiens HNK-1 sulfotransferase 403 28.344 3522 AF121080 Mus musculus cAMP inducible 1 protein 233 81.406 3523 AF141315 Homo sapiens alpha-1,4-N- acetylglucosaminyltransferase 336 36.301 3524 U72520 Mus musculus mena protein 1198 80.992 3525 AJ003125 Homo sapiens procollagen I N-proteinase 8516 99.422 3526 Z19585 Homo sapiens thrombospondin-4 2679 99.737 3527 AF111785 Homo sapiens myosin heavy chain IIx/d 12060 99.433 3528 U43148 Homo sapiens patched gene homolog; similar to Drosophila patched protein, Swiss-Prot Accession Number P18502; transmembrane protein; Method: conceptual translation supplied by author 40.0000 3529 AB002361 Homo sapiens KIAA0363 9948 99.277 3530 D31886 Homo sapiens KIAA0363 9948 99.277 3531 AF062389 Rattus norvegicus kidney-specific protein 1795 78.593 3532 AB020716 Homo sapiens KIAA0066 6664 100.000 3531 AF062389 Rattus norvegicus kidney-specific protein 1277 99.464 3533 D89285 Mesocricetus auratus inter-alpha-trypsin 939 34.375 3534 AB023221 Homo sapiens KIAA0049 protein 1327 67.266 3535 D38231 Oryza sativa RWD 192 31.707 3536 AF071544 Spinacia oleracea ribulose-1,5-bisphosphate 405 28.090 3537 AJ131225 Homo sapiens Sec24B protein 8242 99.370 3538 A48861 Homo sapiens sunnamed protein product 410 40.711 3539 AJ036 Nicotiana alata FRP2 126 41.270 3540 AJ022636 Homo sapiens KIAA0099 protein 1372 100.000 3541 U80747 Homo sapiens CAGH3 256 91.93 3542 AB020716 Homo sapiens CAGH3 256 91.93 3543 AF0151822 Homo sapiens CAGH3 256 91.94 3544 AB011665 Mus musculus BAEF 126 41.270 3555 AD032666 Rattus norvegicus risects 300 90.893 3551 AD031031 Homo sapiens KIAA0990 Protein 483 45.143 3554 AB02266 Homo sapiens CAGH3 256 91.94 3555 AB020716 Homo sapi				3676	
3522 AF121080 Mus musculus cAMP inducible 1 protein 2332 81.406		AF070594		403	28.344
3523 AF141315	3522	AF121080		2332	81.406
1988 0.992	3523	AF141315	Homo sapiens alpha-1,4-N-	336	36.301
3525 AJ003125 Homo sapiens procollagen I N-proteinase 8516 99.422					
19526 219585 Homo sapiens thrombospondin-4 2679 99.737 3527 AF111785 Homo sapiens myosin heavy chain IIx/d 12060 99.433 3528 U43148 Homo sapiens patched gene homolog; similar to Drosophila patched protein, Swiss-Prot Accession Number PIRSD(2; transmebrane protein; Method: conceptual translation supplied by author 3529 AB002361 Homo sapiens KIAA0363 9948 99.277 3530 D31886 Homo sapiens KIAA0363 6604 100.000 3531 AF062389 AETUS norvegicus kidney-specific protein 1795 78.593 3532 AB020716 Homo sapiens KIAA0909 protein 8247 98.464 3535 AB023221 Homo sapiens KIAA004 protein 1327 67.266 3535 D31231 Oryza sativa RWD 1327 57.266 3535 D3231 Oryza sativa RWD 192 31.707 3536 AF071544 AB023221 Homo sapiens KIAA1004 protein 1327 67.266 3535 AF071544 AB023221 Homo sapiens KIAA1004 protein 1327 67.266 3535 AF071545 Spinacia oleracea ribulose-1,5-bisphosphate 405 28.090 28.					
3522 AF111785		L			
3528					
Drosophila patched protein, Swiss-Prot Accession Number P18502; transmembrane protein; Method: conceptual translation supplied by author					
Accession Number P18502; transmembrane protein; Method: conceptual translation supplied by author 3529 AB002361 Homo sapiens KIAA0363 9948 99.277 3530 D31886 Homo sapiens KIAA0066 6604 100.000 3531 AF062389 Rattus norvegicus kidney-specific protein 1795 78.593 78.593 AB020716 Homo sapiens KIAA0909 protein 8247 98.464 3533 D8285 Mesocricetus auratus inter-alpha-trypsin 939 34.375 3534 AB023221 Homo sapiens KIAA1004 protein 1327 67.266 3535 D38231 Oryza sativa RWD 192 31.707 3536 AF071544 Spinacia oleracea ribulose-1,5-bisphosphate carboxylase/oxygenase small subunit N-methyltransferase 1 Momo sapiens Sec24B protein 8242 99.370 3538 A48861 Homo sapiens Sec24B protein 8242 99.370 3538 A48861 Homo sapiens unnamed protein product 410 40.711 3539 A31036 Nicotiana alata PRP2 126 41.270 3540 AJ222636 Homo sapiens hypothetical protein 1372 100.000 3541 U80747 Homo sapiens KIAA0909 protein 8247 98.464 3543 AF151822 Homo sapiens KIAA0909 protein 8247 98.464 3543 AF151822 Homo sapiens KIAA0909 protein 8247 98.464 3544 AB020716 Homo sapiens KIAA0909 protein 8247 98.464 3544 AB01665 Mus musculus BAZF 2205 87.669 3545 AL096881 Homo sapiens hypothetical protein 432 45.143 3546 AB01665 Mus musculus BAZF 2205 87.569 3549 AD02214 Mus musculus BAZF 2205 87.569 3549 AD02214 Homo sapiens hypothetical protein 483 45.087 3544 AB020761 Homo sapiens sulv-1 protein 483 45.087 3549 AD022314 Homo sapiens Sulv-1 protein 483 45.087 3549 AD022314 Homo sapiens Sulv-1 protein 483 45.087 3550 U79260 Homo sapiens Sulv-1 protein 483 45.087 3550 AD020671 Homo sapiens Sulv-1 protein 483 45.087 3550 AD020671 Homo sapiens Sulv-1 protein 483 45.087 3550 AD020671 Homo sapiens Sulv-1 protein 483 45.087 3550 AD020671 Homo sapiens Sulv-1 protein 480 480 480 48	3528	U43148		364	70.930
Method: conceptual translation supplied by author					
Store					
3529 AB002361 Homo sapiens KIAA0363 9948 99.277 3530 D31886 Homo sapiens KIAA0066 6604 100.000 3531 AF062389 Rattus norvegicus kidney-specific protein 1795 78.593 3532 AB020716 Homo sapiens KIAA0909 protein 8247 98.464 3533 D89285 Mesocricetus auratus inter-alpha-trypsin 939 34.375 inhibitor heavy chain 1 1327 67.266 3535 D38231 Oryza sativa RWD 192 31.707 3536 AF071544 Spinacia oleracea ribulose-1,5-bisphosphate carboxylase/oxygenase small subunit N-methyltransferase I 3537 AJ131245 Homo sapiens Sec24B protein 8242 99.370 3538 A48861 Homo sapiens unnamed protein product 410 40.711 3539 A31036 Nicotiana alata PRP2 126 41.270 3540 AJ222636 Homo sapiens CAGH3 256 97.619 3541 U80747 Homo sapiens CAGH3 256 97.619 3542 AB020716 Homo sapiens KIAA0909 protein 8247 98.464 AB020716 Homo sapiens KIAA0909 protein 8247 98.464 AB011665 Mus musculus BAZF 2205 87.569 3544 AB011665 Mus musculus BAZF 2205 87.569 3545 AL096881 Homo sapiens hypothetical protein 432 45.143 3546 AU060881 Homo sapiens hypothetical protein 433 45.087 3547 AF064748 Mus musculus S3-12 405 63.158 3548 AF032666 Rattus norvegicus rsec5 3300 90.893 3549 D50925 Homo sapiens unknown 333 70.886 3551 AL02214 Homo sapiens KIAA0864 protein 7713 99.590 3552 AB020671 Homo sapiens KIAA0864 protein 7713 99.590 3553 AL031033 Homo sapiens KIAA0864 protein 7713 99.590 3554 AL09196 Unknown /prediction=(method: "rigenefinder"", versidouridylate Synthase, Uracil Hydrolase) LIKE protein) 487 487 53.049 487 487 53.049 487 53.049 5355 AF132608 Homo sapiens histone deacetylase 5 7365 99.114 3555 AF132608 Homo sapiens phistone deacetylase 5 7365 99.114 3555 U61538 Homo sapiens phistone deacetylase 5 7365 99.114 3555 U61538 Homo sapiens phistone deacetylase 5 7365 99.					
3530 D31886 Homo sapiens KIAA0066 100.000 3531 AF062389 Rattus norvegicus kidney-specific protein 1795 78.593	3529	ΔB002361		9948	99 277
3531 AF062389 Rattus norvegicus kidney-specific protein 1795 78.593 3532 AB020716 Homo sapiens KIAA0909 protein 939 34.464 3533 B99285 Mesocricetus auratus inter-alpha-trypsin 939 34.375 3534 AB023221 Homo sapiens KIAA1004 protein 1327 67.266 3535 D38231 Oryza sativa RWD 192 31.707 3536 AF071544 Spinacia oleracea ribulose-1,5-bisphosphate carboxylase/oxygenase small subunit N-methyltransferase I 8242 99.370 3538 A48861 Homo sapiens Sec24B protein 8242 99.370 3538 A48861 Homo sapiens unnamed protein product 410 40.711 3539 A31036 Nicotiana alata PRP2 126 41.270 3540 AJ222636 Homo sapiens hypothetical protein 1372 100.000 3541 B00747 Homo sapiens KIAA0909 protein 8247 98.464 3543 AF151822 Homo sapiens KIAA0909 protein 8247 98.464 3543 AF151822 Homo sapiens CGI-64 protein 591 96.386 3544 AB020716 Homo sapiens hypothetical protein 432 45.143 3546 041060 Homo sapiens hypothetical protein 432 45.143 3546 AG09681 Homo sapiens hypothetical protein 432 45.143 3546 AF032666 Rattus norvegicus rsec5 3300 90.893 3549 D50925 Homo sapiens The KIAA0135 gene is related to pim-1 nocegene. 3550 079260 Homo sapiens unknown 333 70.886 3551 AL022314 Homo sapiens KIAA0864 protein 7713 99.590 3553 AL031033 Homo sapiens KIAA0864 protein 7713 99.590 3554 AL020671 Homo sapiens KIAA0864 protein 7713 99.590 3554 AL030996 Homo sapiens KIAA0864 protein 7713 99.590 3555 AF132608 Homo sapiens histone deacetylase 5 7365 99.114 3556 U61538 Homo sapiens histone deacetylase 5 7365 99.114 3556 U61538 Homo sapiens bitstone deacetylase 5 7365 99.114 3556 U61538 Homo sapiens calcium-binding protein chp 216 99.085 3656 3666 99.085 3666 99.085 3666 99.085 3666 99.085 3666 99.085 3666 99.085 3666 99.085 3666 99.085 3666 99.085 3666 99.085 3666 99.0					
3532 AB020716 Homo sapiens KIAA0909 protein 8247 98.464 3533 D89285 Mesocricetus auratus inter-alpha-trypsin 939 34.375 inhibitor heavy chain 1 1 1 1 1 1 1 1 1 1					
3533 D89285 Mesocricetus auratus inter-alpha-trypsin inhibitor heavy chain 1 327 67.266 3535 D38231 Oryza sativa RWD 192 31.707 3536 AF071544 Spinacia oleracea ribulose-1,5-bisphosphate carboxylase/oxygenase small subunit N-methyltransferase I 405 28.090 29.300 29.3					
Inhibitor heavy chain 1 1327 67.266 3534 AB023221 Homo sapiens KIAA1004 protein 1327 67.266 31.707 3536 AF071544 Spinacia oleracea ribulose-1,5-bisphosphate carboxylase/oxygenase small subunit N-methyltransferase I 100.000 100.0					
3534 AB023221 Homo sapiens KIAA1004 protein 1327 67.266 3535 D38231 Oryza sativa RWD 192 31.707 3536 AF071544 Spinacia oleracea ribulose-1,5-bisphosphate carboxylase/oxygenase small subunit N-methyltransferase I 405 28.090 3537 AJ131245 Homo sapiens Sec24B protein 8242 99.370 3538 A48861 Homo sapiens unnamed protein product 410 40.711 3539 A31036 Nicotiana alata PRP2 126 41.270 3540 AJ222636 Homo sapiens hypothetical protein 1372 100.000 3541 U80747 Homo sapiens CAGH3 256 97.619 3542 AB020716 Homo sapiens KIAA0909 protein 8247 98.464 3543 AF151822 Homo sapiens CG-64 protein 591 96.386 3544 AB011665 Mus musculus BAZF 2205 87.569 3545 AL096881 Homo sapiens hypothetical protein 432 45.143 3546 U41060 Homo sapiens LIV-1 protein 483 45.087 3547 AF064748 Mus musculus S3-12 405 63.158 3548 AF032666 Rattus norvegicus rsec5 3300 90.893 3549 D50925 Homo sapiens The KIAA0135 gene is related to pim-1 oncogene. 3550 U79260 Homo sapiens kIAA0864 protein 7713 99.597 3551 AL022314 Homo sapiens KIAA0864 protein 7713 99.590 3553 AL031033 Homo sapiens C321D2.1 (Ribosomal Large Subunit Pseudouridylate Synthase (EC 4.2.1.70, Pseudouridylate Synthase, Uracil Hydrolase) LIKE protein) Unknown / prediction=(method:""genefinder"", version: "084""); / prediction=(method:""genefinder"", version: "084""); / prediction=(method:""genefinder"", version: "084""); / prediction=(method:""genefinder", version: "084""); / prediction=(method:""genefinder", version: "084""); / prediction=(method:""genefinder", version: "084""); / prediction=(method:"genscan"", version: "084"); / prediction=(method:""genefinder", version: "084"); / prediction=(method:""genefinder", version: "084"); / prediction=(method:"genscan", version: "084"); / prediction=(method:"genscan", version: "084"); / prediction=(method:"genscan", version: "084"); / prediction=(method:"genscan", version:					
3535 D38231	3534	AB023221	Homo sapiens KIAA1004 protein	1327	67.266
Carboxylase/oxygenase small subunit N-methyltransferase I 3537 AJ131245 Homo sapiens Sec24B protein 8242 99.370 3538 A48861 Homo sapiens unnamed protein product 410 40.711 3539 A31036 Nicotiana alata PRP2 126 41.270 3540 AJ22636 Homo sapiens hypothetical protein 1372 100.000 3541 U80747 Homo sapiens CAGH3 256 97.619 3542 AB020716 Homo sapiens KIAA0909 protein 8247 98.464 3543 AF151822 Homo sapiens CGI-64 protein 591 96.386 3544 AB011665 Mus musculus BAZF 2205 87.569 3545 AL096881 Homo sapiens hypothetical protein 432 45.143 3546 U41060 Homo sapiens LIV-1 protein 432 45.143 3546 U41060 Homo sapiens LIV-1 protein 483 45.087 3547 AF064748 Mus musculus S3-12 405 63.158 3549 D50925 Homo sapiens The KIAA0135 gene is related to pim-1 oncogene. 3550 U79260 Homo sapiens unknown 333 70.886 3551 AL022314 Homo sapiens dJ1170K4.1 (novel protein similar to KIAA0176 and mouse, worm and fly proteins) 487 53.049 487 53.049 487 487 53.049 487 487 53.049 487 487 53.049 487 487 53.049 487 487 53.049 487 487 53.049 487 487 53.049 487 487 53.049 487 487 53.049 487 53.555 AF132608 Homo sapiens histone deacetylase 5 7365 99.114 3556 U61538 Homo sapiens histone deacetylase 5 7365 99.114 3556 U61538 Homo sapiens putative 2166 99.085 3557 207335 Homo sapiens putative 2166 99.085 3557 2166 99.085 3557 207335 Homo sapiens putative 2166 99.085 3557 21	3535	D38231		192	31.707
methyltransferase I 8242 99.370 3537 AJ131245 Homo sapiens Sec24B protein 8242 99.370 40.711 3538 A48861 Homo sapiens unnamed protein product 410 40.711 3539 A31036 Nicotiana alata PRP2 126 41.270 3540 AJ222636 Homo sapiens hypothetical protein 1372 100.000 3541 U80747 Homo sapiens KIAA0909 protein 8247 98.464 3543 AF151822 Homo sapiens KIAA0909 protein 8247 98.464 3543 AF151822 Homo sapiens CGI-64 protein 591 96.386 3544 AB011665 Mus musculus BAZF 2205 87.569 3545 AL096881 Homo sapiens hypothetical protein 483 45.087 3547 AF064748 Mus musculus S3-12 405 63.158 3548 AF032666 Rattus norvegicus rsec5 3300 90.893 3549 D50925 Homo sapiens The KIAA0135 gene is related to 8355 99.597 pim-1 oncogene. 3550 U79260 Homo sapiens unknown 333 70.886 3551 AL022314 Homo sapiens unknown AL022314 Homo sapiens SIAA0864 protein 7713 99.590 3553 AL031033 Homo sapiens KIAA0864 protein 7713 99.590 AL02214 Homo sapiens KIAA0864 protein 7713 99.590 AL0216 Homo sapiens KIAA0864 protein 7713 99.590 AL0216 Homo sapiens KIAA0864 protein 7713 99.590 AL0216 Homo sapiens KIAA0864 protein 7713 99.590 AL0216 AL0216 Homo sapiens KIAA0864 protein 7713 99.590 AL0216 AL0216 Homo sapiens KIAA0864 protein 7713 99.590 AL0216 AL	3536	AF071544	Spinacia oleracea ribulose-1,5-bisphosphate	405	28.090
3537 AJ131245 Homo sapiens Sec24B protein 8242 99.370 3538 A48861 Homo sapiens unnamed protein product 410 40.711 3539 A31036 Nicotiana alata PRP2 126 41.270 3540 AJ222636 Homo sapiens hypothetical protein 1372 100.000 3541 U80747 Homo sapiens CAGH3 256 97.619 3542 AB020716 Homo sapiens KIAA0909 protein 8247 98.464 3543 AF151822 Homo sapiens CGI-64 protein 591 96.386 3544 AB011665 Mus musculus BAZF 2205 87.569 3545 AL096881 Homo sapiens LIV-1 protein 432 45.143 3546 U41060 Homo sapiens LIV-1 protein 483 45.087 3547 AF064748 Mus musculus S3-12 405 63.158 3549 D50925 Homo sapiens The KIAA0135 gene is related to pim-1 oncogene. 8355 99.597 3550 U79260 Homo sapiens KIAA0864 protein 7713 99.590					
3538 A48861					
3539 A31036 Nicotiana alata PRP2 126 41.270					
3540 AJ222636 Homo sapiens hypothetical protein 1372 100.000 3541 U80747 Homo sapiens CAGH3 256 97.619 3542 AB020716 Homo sapiens KIAA0909 protein 8247 98.464 3543 AF151822 Homo sapiens CGI-64 protein 591 96.386 3544 AB011665 Mus musculus BAZF 2205 87.569 3545 AL096881 Homo sapiens hypothetical protein 432 45.143 3546 U41060 Homo sapiens LIV-1 protein 483 45.087 3547 AF064748 Mus musculus S3-12 405 63.158 3549 D50925 Homo sapiens The KIAA0135 gene is related to poim-1 oncogene. 8355 99.597 3550 U79260 Homo sapiens unknown 333 70.886 3551 AL022314 Homo sapiens dJ170K4.1 (novel protein similar to KIAA0176 and mouse, worm and fly proteins) 1658 89.655 3553 AB020671 Homo sapiens KIAA0864 protein 7713 99.590 3553 AL031033 Homo sapiens KIAA0864 protein 7713 99.590 3554 AL009196 Unknown /prediction=(method:"rgenefinder"r, version:""084""); /prediction=(method:"rgenefinder"r, version:""084""); /prediction=(method:"rgenecan"r, version:""084""); /prediction=(
3541 U80747					
3542 AB020716 Homo sapiens KIAA0909 protein 8247 98.464 3543 AF151822 Homo sapiens CGI-64 protein 591 96.386 3544 AB011665 Mus musculus BAZF 2205 87.569 3545 AL096881 Homo sapiens hypothetical protein 432 45.143 3546 U41060 Homo sapiens LIV-1 protein 483 45.087 3547 AF064748 Mus musculus S3-12 405 63.158 3548 AF032666 Rattus norvegicus rsec5 3300 90.893 3549 D50925 Homo sapiens The KIAA0135 gene is related to pim-1 oncogene. 8355 99.597 3550 U79260 Homo sapiens unknown 333 70.886 3551 AL022314 Homo sapiens dJ1170K4.1 (novel protein similar to KIAA0176 and mouse, worm and fly proteins) 1658 89.655 3552 AB020671 Homo sapiens KIAA0864 protein 7713 99.590 3553 AL031033 Homo sapiens C321D2.1 (Ribosomal Large Subunit Pseudouridine Synthase (EC 4.2.1.70, Pseudouridylate Synthase, Uracil Hydrolase) 2175 100.000 3554 AL009196 Unknown /prediction=(method:					
3543 AF151822 Homo sapiens CGI-64 protein 591 96.386 3544 AB011665 Mus musculus BAZF 2205 87.569 3545 AL096881 Homo sapiens hypothetical protein 432 45.143 3546 U41060 Homo sapiens LIV-1 protein 483 45.087 3547 AF064748 Mus musculus S3-12 405 63.158 3548 AF032666 Rattus norvegicus rsec5 3300 90.893 3549 D50925 Homo sapiens The KIAA0135 gene is related to pim-1 oncogene. 8355 99.597 3550 U79260 Homo sapiens unknown 333 70.886 3551 AL022314 Homo sapiens dJ1170K4.1 (novel protein similar to KIAA0176 and mouse, worm and fly proteins) 7713 99.590 3553 AB020671 Homo sapiens KIAA0864 protein 7713 99.590 3554 AL031033 Homo sapiens Synthase (EC 4.2.1.70, Pseudouridylate Synthase, Uracil Hydrolase) LIKE protein) 2175 100.000 3555 AF132608 Homo sapiens histone deacetylase 5 7365 99.114					
3544 AB011665 Mus musculus BAZF 2205 87.569 3545 AL096881 Homo sapiens hypothetical protein 432 45.143 3546 U41060 Homo sapiens LIV-1 protein 483 45.087 3547 AF064748 Mus musculus S3-12 405 63.158 3548 AF032666 Rattus norvegicus rsec5 3300 90.893 3549 D50925 Homo sapiens The KIAA0135 gene is related to pim-1 oncogene. 8355 99.597 3550 U79260 Homo sapiens unknown 333 70.886 3551 AL022314 Homo sapiens dJ1170K4.1 (novel protein similar to KIAA0176 and mouse, worm and fly proteins) 1658 89.655 3552 AB020671 Homo sapiens KIAA0864 protein 7713 99.590 3553 AL031033 Homo sapiens C321D2.1 (Ribosomal Large Subunit Pseudouridylate Synthase (EC 4.2.1.70, Pseudouridylate Synthase, Uracil Hydrolase) LIKE protein) 2175 100.000 3554 AL009196 Unknown /prediction=(method:""genefinder"", version: "'084'"); /prediction=(method:""genscan"", ve 487 53.049 3555 AF132608 Homo sapiens histone deacetylase 5 7365 99.114					
3545 AL096881 Homo sapiens hypothetical protein 432 45.143 3546 U41060 Homo sapiens LIV-1 protein 483 45.087 3547 AF064748 Mus musculus S3-12 405 63.158 3548 AF032666 Rattus norvegicus rsec5 3300 90.893 3549 D50925 Homo sapiens The KIAA0135 gene is related to pim-1 oncogene. 8355 99.597 3550 U79260 Homo sapiens unknown 333 70.886 3551 AL022314 Homo sapiens dJ1170K4.1 (novel protein similar to KIAA0176 and mouse, worm and fly proteins) 1658 89.655 3552 AB020671 Homo sapiens KIAA0864 protein 7713 99.590 3553 AL031033 Homo sapiens C321D2.1 (Ribosomal Large Subunit Pseudouridylate Synthase (EC 4.2.1.70, Pseudouridylate Synthase, Uracil Hydrolase) LIKE protein) 2175 100.000 3554 AL009196 Unknown /prediction=(method:""genefinder"", version: ""084""); /prediction=(method:""genscan"", ve 487 53.049 3555 AF132608 Homo sapiens histone deacetylase 5 7365 99.114 3556 U61538 Homo sapiens calcium-binding protein chp 221 3					
3546 U41060 Homo sapiens LIV-1 protein 483 45.087 3547 AF064748 Mus musculus S3-12 405 63.158 3548 AF032666 Rattus norvegicus rsec5 3300 90.893 3549 D50925 Homo sapiens The KIAA0135 gene is related to pim-1 oncogene. 8355 99.597 3550 U79260 Homo sapiens unknown 333 70.886 3551 AL022314 Homo sapiens dJ1170K4.1 (novel protein similar to KIAA0176 and mouse, worm and fly proteins) 1658 89.655 3552 AB020671 Homo sapiens KIAA0864 protein 7713 99.590 3553 AL031033 Homo sapiens C321D2.1 (Ribosomal Large Subunit Pseudouridylate Synthase (EC 4.2.1.70, Pseudouridylate Synthase, Uracil Hydrolase) LIKE protein) 2175 100.000 3554 AL009196 Unknown /prediction=(method:""genefinder"", version:""084""); /prediction=(method:""genscan"", ve 487 53.049 3555 AF132608 Homo sapiens histone deacetylase 5 7365 99.114 3556 U61538 Homo sapiens calcium-binding protein chp 221 31.928 3557					
3547 AF064748 Mus musculus S3-12 405 63.158 3548 AF032666 Rattus norvegicus rsec5 3300 90.893 3549 D50925 Homo sapiens The KIAA0135 gene is related to pim-1 oncogene. 8355 99.597 3550 U79260 Homo sapiens unknown 333 70.886 3551 AL022314 Homo sapiens dJ1170K4.1 (novel protein similar to KIAA0176 and mouse, worm and fly proteins) 1658 89.655 3552 AB020671 Homo sapiens KIAA0864 protein 7713 99.590 3553 AL031033 Homo sapiens C321D2.1 (Ribosomal Large Subunit Pseudouridylate Synthase (EC 4.2.1.70, Pseudouridylate Synthase, Uracil Hydrolase) LIKE protein) 2175 100.000 3554 AL009196 Unknown /prediction=(method:""genefinder"", version:""084""); /prediction=(method:""genscan"", ve 487 53.049 3555 AF132608 Homo sapiens histone deacetylase 5 7365 99.114 3556 U61538 Homo sapiens calcium-binding protein chp 221 31.928 3557 L07335 Homo sapiens putative 2166 99.085					
3548 AF032666 Rattus norvegicus rsec5 3300 90.893 3549 D50925 Homo sapiens The KIAA0135 gene is related to pim-1 oncogene. 8355 99.597 3550 U79260 Homo sapiens unknown 333 70.886 3551 AL022314 Homo sapiens dJ1170K4.1 (novel protein similar to KIAA0176 and mouse, worm and fly proteins) 1658 89.655 3552 AB020671 Homo sapiens KIAA0864 protein 7713 99.590 3553 AL031033 Homo sapiens C321D2.1 (Ribosomal Large Subunit Pseudouridine Synthase (EC 4.2.1.70, Pseudouridylate Synthase, Uracil Hydrolase) LIKE protein) 2175 100.000 3554 AL009196 Unknown /prediction=(method:""genefinder"", version:""084""); /prediction=(method:""genscan"", ve 487 53.049 3555 AF132608 Homo sapiens histone deacetylase 5 7365 99.114 3556 U61538 Homo sapiens calcium-binding protein chp 221 31.928 3557 L07335 Homo sapiens putative 2166 99.085					
3549 D50925					
pim-1 oncogene. 3350 U79260					
3551 AL022314 Homo sapiens dJ1170K4.1 (novel protein similar to KIAA0176 and mouse, worm and fly proteins) 1658 89.655					
to KIAA0176 and mouse, worm and fly proteins) 3552 AB020671 Homo sapiens KIAA0864 protein 7713 99.590 3553 AL031033 Homo sapiens C321D2.1 (Ribosomal Large Subunit Pseudouridine Synthase (EC 4.2.1.70, Pseudouridylate Synthase, Uracil Hydrolase) LIKE protein) 3554 AL009196 Unknown /prediction=(method:""genefinder"", version:""084""); //prediction=(method:""genscan"", ve 3555 AF132608 Homo sapiens histone deacetylase 5 7365 99.114 3556 U61538 Homo sapiens calcium-binding protein chp 221 31.928 3557 L07335 Homo sapiens putative 2166 99.085	3550				
3552 AB020671 Homo sapiens KIAA0864 protein 7713 99.590 3553 AL031033 Homo sapiens C321D2.1 (Ribosomal Large Subunit Pseudouridine Synthase (EC 4.2.1.70, Pseudouridylate Synthase, Uracil Hydrolase) LIKE protein) 2175 100.000 3554 AL009196 Unknown /prediction=(method:""genefinder"", version:""084""); /prediction=(method:""genscan"", ve 487 53.049 3555 AF132608 Homo sapiens histone deacetylase 5 7365 99.114 3556 U61538 Homo sapiens calcium-binding protein chp 221 31.928 3557 L07335 Homo sapiens putative 2166 99.085	3551	AL022314		1658	89.655
3553 AL031033 Homo sapiens C321D2.1 (Ribosomal Large Subunit Pseudouridine Synthase (EC 4.2.1.70, Pseudouridylate Synthase, Uracil Hydrolase) LIKE protein) 3554 AL009196 Unknown /prediction=(method:""genefinder"", version:""084""); /prediction=(method:""genscan"", ve 3555 AF132608 Homo sapiens histone deacetylase 5 3556 U61538 Homo sapiens calcium-binding protein chp 3557 L07335 Homo sapiens putative 2175 100.000 2175 100.000					
Pseudouridine Synthase (EC 4.2.1.70, Pseudouridylate Synthase, Uracil Hydrolase) LIKE protein) 3554 AL009196 Unknown /prediction=(method:""genefinder"", version:""084""); /prediction=(method:""genscan"", ve 3555 AF132608 Homo sapiens histone deacetylase 5 3556 U61538 Homo sapiens calcium-binding protein chp 3557 L07335 Homo sapiens putative 2166 99.085			Homo sapiens KIAA0864 protein		
Pseudouridylate Synthase, Uracil Hydrolase) LIKE protein) 3554 AL009196 Unknown /prediction=(method:""genefinder"", version:""084"");	3553	AL031033		2175	100.000
LIKE protein) 3554 AL009196 Unknown /prediction=(method:""genefinder"", version:""084""); /prediction=(method:""genscan"", ve 3555 AF132608 Homo sapiens histone deacetylase 5 7365 99.114 3556 U61538 Homo sapiens calcium-binding protein chp 221 31.928 3557 L07335 Homo sapiens putative 2166 99.085					
3554 AL009196 Unknown /prediction=(method:""genefinder"", version:""084""); /prediction=(method:""genscan"", ve 487 53.049 3555 AF132608 Homo sapiens histone deacetylase 5 7365 99.114 3556 U61538 Homo sapiens calcium-binding protein chp 221 31.928 3557 L07335 Homo sapiens putative 2166 99.085					
version: ""084""); /prediction=(method: ""genscan"", ve 3555 AF132608 Homo sapiens histone deacetylase 5 7365 99.114 3556 U61538 Homo sapiens calcium-binding protein chp 221 31.928 3557 L07335 Homo sapiens putative 2166 99.085	3554	AT 000106		107	53 040
/prediction=(method:""genscan"", ve 7355 3555 AF132608 Homo sapiens histone deacetylase 5 7365 99.114 3556 U61538 Homo sapiens calcium-binding protein chp 221 31.928 3557 L07335 Homo sapiens putative 2166 99.085	3334	סבובחחחש		40/	33.049
3555 AF132608 Homo sapiens histone deacetylase 5 7365 99.114 3556 U61538 Homo sapiens calcium-binding protein chp 221 31.928 3557 L07335 Homo sapiens putative 2166 99.085					
3556 U61538 Homo sapiens calcium-binding protein chp 221 31.928 3557 L07335 Homo sapiens putative 2166 99.085	3555	AF132608		7365	99.114
3557 L07335 Homo sapiens putative 2166 99.085					

	·			
3559	D79991	Homo sapiens putative hydrophobic domain in	11158	99.712
		amino acid positions 373-390.		
3560	AF125451	Caenorhabditis elegans contains similarity to	444	68.687
		the NIFR3/SMM1 family		
3561	U75467	Drosophila melanogaster Atu	599	54.974
3562	AL096750	Homo sapiens hypothetical protein	6025	93.699
3563	Y18314	Homo sapiens paraplegin-like protein	880	66.234
3564	AF177292	Homo sapiens genethonin 3	2211	100.000
3565	X97675	Homo sapiens plakophilin 2b	1407	99.556
3566	AL034399	Homo sapiens dA191P20.2 (novel Fibronectin type	2843	99.770
		III domain containing protein similar to Ring		
05.65	245006	finger protein MID1 (Midline 1))		
	S45936	Homo sapiens HTS1	1434	49.772
3568	AF045244	Klebsiella pneumoniae ribitol kinase	768	41.617
3569	AF155108	Homo sapiens NY-REN-41 antigen	1578	100.000
3570	AL022394	Homo sapiens dJ511B24.3 (KIAA0395 (probable	3860	99.829
		Zinc Finger Homeobox protein))		
3571	X74654	Zea mays beta3 tubulin	876	33.698
3572	U17133	Rattus norvegicus ZnT-1	1945	81.671
3573	AJ010317	Fugu rubripes Sand	1593	68.232
3574	AB011180	Homo sapiens KIAA0608 protein	1272	77.366
3575	AF115313	Thermomonospora curvata PkwA	249	27.099
3576	X52138	Homo sapiens L7a protein	296	60.784
3577	AF097887	Rattus norvegicus Chp	840	61.321
3578	AC005005	Homo sapiens similar to phosphatidylinositol	7224	99.905
		(4,5)bisphosphate 5-phosphatase; match to		
2550	100066	PID:g1399105		
3579	AF130366	Homo sapiens LISCH protein	4074	99.327
3580	AF045642	Caenorhabditis elegans No definition line found	446	29.762
3581	AF170723	Homo sapiens protein kinase STK10	435	43.386
3582	AL110124	Homo sapiens hypothetical protein	3965	99.836
3583	X62446	Gallus gallus PR 264	877	62.105
3584	AF119334	Homo sapiens zinc finger protein FOG-2	7618	99.298
3585	Y16187 AF030430	Homo sapiens metallopeptidase	1830	98.127
3586		Mus musculus semaphorin VIa	2240	91.826
3587	U73199	Mus musculus Rho-guanine nucleotide exchange factor	655	57.292
3588	AJ388553	Canis familiaris hypothetical protein	536	73.529
3589	AL050051		774	
3590	U66003	Homo sapiens hypothetical protein Xenopus laevis ADAM 13		100.000
		<u> </u>	1196	
3591 3592	AC006276 M31209	Homo sapiens R28379 3	452 374	56.376
3592	1	Gallus gallus skeletal muscle C-protein	423	35.096
3593	AF152101	Arabidopsis thaliana hypothetical protein Homo sapiens paracellin-1		32.886
3595	AB018253	Rattus norvegicus voltage-gated ca channel	1810 2023	98.168
3596	D80005	Homo sapiens KIAA0183	7286	85.946 99.812
3597	AF015041	Homo sapiens NUMB-R protein	3525	99.812
3598	AF083384	Homo sapiens 45kDa splicing factor; SPF 45	1387	94.937
3599	AF067946	Caenorhabditis elegans similar to Drosophila	279	27.160
1 2233	AF 00/340	ring canal protein (kelch) (SW:Q04652)	213	27.100
3600	U63648	Mus musculus p160 myb-binding protein	373	58.974
3601	L41690	Homo sapiens tumor necrosis factor receptor	2149	99.390
3001	741000	type 1 associated protein	2147	99.390
3602	U22376	Homo sapiens alternatively spliced product	445	82.353
3002	022370	using exon 13A	447	02.333
3603	AC005896	Arabidopsis thaliana unknown protein	245	29.697
3604	U60269	Homo sapiens putative envelope protein; orf	162	60.870
		similar to env of Type A and Type B	102	33.373
		retroviruses and to class II HERVs		
	<u> </u>	<u> </u>		

	X06256	Homo sapiens integrin alpha 5 subunit precursor	7007	99.333
3606	U18018	Homo sapiens adenovirus ElA enhancer binding protein	3850	100.000
3607	U37439	Homo sapiens endoglin	4202	99.544
3608	AF003130	Caenorhabditis elegans No definition line found	324	35.088
3609	AB029041	Homo sapiens KIAA1118 protein	7413	99.485
3610	U29056	Mus musculus Src-like adapter protein	514	39.286
3611	AF136450	Homo sapiens goodpasture antigen-binding protein	4158	99.519
3612	AF074329	Mus musculus SH2-B PH domain containing signaling mediator 1 gamma isoform	3244	90.185
3613	AC006135	Arabidopsis thaliana putative vicilin storage protein (globulin-like)	258	26.642
3614	X52949	Giardia intestinalis unidentified reading frame; alternative codon use	207	36.257
3615	X82209	Homo sapiens MN1	3066	100.000
3616	AF132949	Homo sapiens CGI-15 protein	390	95.522
3617	AB028999	Homo sapiens KIAA1076 protein	5582	100.000
3618	L26335	Cavia porcellus zinc finger protein	899	93.333
3619	AB014553	Homo sapiens KIAA0653 protein	3829	99.821
3620	AC003034	Homo sapiens Gene with similarity to rat kidney-specific (KS) gene	317	58.182
3621	U20780	Mus musculus ubiquitinating enzyme E2-230 kDa	906	86.420
3622	D25218	Homo sapiens KIAA0112	2639	100.000
3623	U10536	Pan paniscus MHC class I A	872	84.049
3624	L00352	Homo sapiens low density lipoprotein receptor	4599	99.850
3625	AL031228	Homo sapiens dJ1033B10.10 (membrane protein	593	38.920
		with histidine rich charge clusters (HKE4, RING5))		
3626	AB000215	Rattus norvegicus CCAl protein	387	84.932
3627	AL032660	Caenorhabditis elegans predicted using Genefinder	521	31.949
3628	L39211	Homo sapiens carnitine palmitoyltransferase I	608	53.293
3629	AF003130	Caenorhabditis elegans No definition line found	865	40.625
3630	AF057026	Rattus norvegicus protein kinase KID-1	1480	94.444
3631	U90143	Homo sapiens butyrophilin protein	207	33.813
3632	AB007883	Homo sapiens KIAA0423	10829	99.529
3633	AB023227	Homo sapiens KIAA1010 protein	8670	99.848
3634	Z94864	Schizosaccharomyces pombe hypothetical protein	384	36.923
3635	U22376	Homo sapiens alternatively spliced product using exon 13A	320	71.084
3636	AF111105	Homo sapiens mitogen-activated protein kinase kinase MEKK2	3994	98.546
3637	AF123880	multiple sclerosis associated retrovirus element unknown protein U5/1	317	79.032
3638	AB020720	Homo sapiens KIAAO913 protein	2943	98.633
3639	U15131	Homo sapiens p126	2467	64.726
3640	Y09631	Homo sapiens PIBF1 protein	643	79.452
3641	AL035263	Schizosaccharomyces pombe hypothetical protein	628	24.409
3642	AL050283	Homo sapiens hypothetical protein	976	54.015
3643	AF037454	Mus musculus ubiquitin protein ligase	5172	95.758
3644	AJ005891	Homo sapiens JM2	620	38.671
3645	AF149413	Arabidopsis thaliana contains similarity to protein kinase domains; Pfam PF00069, Score=15.8, E=0.0027, N=1	406	48.052
3646	M83297	Rattus norvegicus protein phosphatase 2A 55 kD regulatory subunit B	1912	78.919
3647	Z19152	Caenorhabditis elegans cDNA EST EMBL:T02216 comes from this gene; cDNA EST yk193b5.3 comes	364	29.218

		C 11' DOM 11031 F F	Τ	
	}	from this gene; cDNA EST yk193b5.5 comes from		
0.510		this gene	1.55	
3648	U95044	Homo sapiens zinc finger protein	1472	82.449
3649	X92666	Bos taurus cysteine string protein	329	82.258
3650	AB002384	Homo sapiens KIAA0386	715	29.856
3651	Z99709	Caenorhabditis elegans cDNA EST EMBL:D73217	237	28.044
		comes from this gene; cDNA EST yk478c5.3 comes		
		from this gene; cDNA EST EMBL:M89187 comes from		
2650		this gene	5.50	
3652	U71383	Homo sapiens OB binding protein-2	578	96.809
3653	U09874	Mus musculus SKD3	3142	95.050
3654	U79260	Homo sapiens unknown	318	70.513
3655	D87458	Homo sapiens Similar to Human estrogen-	3757	99.636
3656	AB014522	responsive finger protein, efp (A49656)	0104	99.153
3657	D87470	Homo sapiens KIAA0622 protein	8194 784	53.252
3658	AF082657	Homo sapiens KIAA0280	2941	99.774
3659	AF123344	Homo sapiens Era GTPase A protein Homo sapiens Kruppel-like zinc finger		99.155
3639	AF123344	transcription factor	2537	99.133
3660	U23172	Caenorhabditis elegans No definition line found	197	40.206
3661	L25125	Mus musculus RNA helicase	533	100.000
3662	AL049955	Homo sapiens hypothetical protein	1060	87.958
3663	U21556	Homo sapiens similar to rat integral membrane	2083	91.193
3003	021330	glycoprotein, PIR Accession Number A40670	2003	91.193
3664	AC008075	Arabidopsis thaliana F24J5.4	224	35.075
3665	D86983	Homo sapiens similar to D.melanogaster	10048	99.466
	500303	peroxidasin(U11052)	10040	33.400
3666	AB018313	Homo sapiens KIAA0770 protein	4841	100.000
3667	AB028989	Homo sapiens KIAA1066 protein	7056	99.625
3668	U13262	Mus musculus myelin gene expression factor	701	80.714
3669	X85019	Homo sapiens UDP-GalNAc:polypeptide N-	1777	52.008
		acetylgalactosaminyl transferase		027000
3670	D87325	Mus musculus GSG1	471	45.588
3671	AF000996	Homo sapiens ubiquitous TPR motif, Y isoform	191	71.739
3672	S58722	Homo sapiens X-linked retinopathy protein {C-	289	78.689
		terminal, clone XEH.8c)		
3673	U41543	Unknown Similar to Rat trg gene product; coded	881	45.652
		for by C. elegans cDNA yk31e7.5; coded for by		
		C. ele		
3674	AL110490	Caenorhabditis elegans predicted using	481	51.266
		Genefinder		
3675	U22376	Homo sapiens alternatively spliced product	445	82.353
		using exon 13A		
3676	U22376	Homo sapiens alternatively spliced product	445	82.353
2677	WC4005	using exon 13A		
3677	X64995	Homo sapiens HGMP07J	856	55.469
3678	AB007862	Homo sapiens KIAA0402	11152	99.885
3679 3680	AB002374	Homo sapiens KIAA0376	5532	99.548
	AB020671	Homo sapiens KIAA0864 protein	7713	99.590
3681 3682	AC006201 AF124490	Arabidopsis thaliana hypothetical protein	261	27.397
3682	X75887	Homo sapiens ARF GTPase-activating protein GIT1	3300	96.507
3683	AF036249	Bos taurus brevican	5154	89.180
3084	ArU30249	Mus musculus polymerase I-transcript release factor; PTRF	2102	93.817
3685	U95031		620E	00 650
3686	U94991	Homo sapiens sublingual gland mucin Xenopus laevis transcription factor XLMO1	6305 535	99.659 77.451
3687	AC004021	Homo sapiens kelch protein; ring canal	582	32.773
500 /	AC004021	component involved in cytoplasmic bridges; 77%	1 302	32.113
		Similarity to A45773 (PID:g1079096)		
	l	1 01	I	

3688	Z47811	Unknown similar to ubiquitin carboxyl-terminal hydrolase; cDNA EST EMBL: D34519 comes from this gene	266	34.228
3689	AF117756	Homo sapiens thyroid hormone receptor- associated protein complex component TRAP150	852	93.197
3690	Y07800	Oryctolagus cuniculus ryanodine receptor	760	91.597
3691	D86957	Homo sapiens similar to Drosophila melanogaster septin (sep2).	2094	69.456
3692	Z19555	Unknown predicted using Genefinder; similar to Propionyl-CoA carboxylase beta chain; cDNA EST EMBL:	2434	65.177
3693	X73608	Homo sapiens testican	2368	95.628
3694	AB014533	Homo sapiens KIAA0633 protein	8740	99.393
3695	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	333	70.588
3696	AL021816	Schizosaccharomyces pombe SPBC24E9.03c, unknown, len:251aa	207	34.694
3697	D50913	Homo sapiens The KIAA0123 gene product is related to rat general mitochondrial matrix processing protease (MPP).	3457	99.811
3698	D87930	Homo sapiens myosin phosphatase target subunit 1	532	34.483
3699	AJ133488	Bos taurus SCO-spondin	1570	79.377
3700	AJ001981	Homo sapiens OXA1L	3268	98.400
3701	AF061936	Homo sapiens diacylglycerol kinase iota	7093	99.438
3702	AL034417	Homo sapiens bK215D11.2 (similar to rat gene 33)	2219	98.176
3703	AL080143	Homo sapiens hypothetical protein	2615	96.649
3704	D78020	Rattus norvegicus NFI-A4	413	81.579
3705	AB001772	Ciona savignyi PEM-5	380	35.217
3706	AF133086	Homo sapiens membrane-type serine protease 1	5839	99.647
3707	AB020654	Homo sapiens KIAA0847 protein	4251	100.000
3708	Z14014	Nicotiana tabacum Pistil extensin like protein, partial CDS only	165	46.154
3709	U37143	Homo sapiens cytochrome P450 monooxygenase CYP2J2	1025	43.056
3710	AF067972	Homo sapiens DNA cytosine methyltransferase 3 alpha	6312	99.233
3711	X83957	Homo sapiens nebulin	6801	98.712
3712	D10250	Homo sapiens alpha-fetoprotein enhancer binding protein	821	45.556
3713	AC004794	Homo sapiens F02569 2	1052	79.630
3714		Homo sapiens SPOP	933	71.635
3715	AC006029	Homo sapiens Similar to Sperm Surface Protein PH-20; Similar to P38568 (PID:585674)	3039	99.585
3716	X62528	Rattus norvegicus ribonuclease inhibitor	614	38.909
3717	D16226	Oryctolagus cuniculus one of the members of sodium-glucose cotransporter family	843	64.362
3718	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	347	63.107
3719		Rattus norvegicus G-protein coupled receptor	286	75.385
3720	AB024400	Rattus norvegicus LAT4	832	57.627
3721	U79775	Homo sapiens NNP-1/Nop52	759	96.667
3722	Z83838	Homo sapiens GTPASE-ACTIVATING PROTEIN	2113	99.676
3723	U90653	Homo sapiens DHHC-domain-containing cysteine- rich protein	290	37.500
3724	AB029016	Homo sapiens KIAA1093 protein	815	54.122
3725	U10991	Homo sapiens G2	10859	99.764
3726	U41543	Unknown Similar to Rat trg gene product; coded for by C. elegans cDNA yk31e7.5; coded for by C. ele	948	41.289

3727	U76373	Mus musculus skm-BOP1	1636	91.760
3728	AF155595	Homo sapiens CoREST protein	3121	100.000
3729		Mus musculus zinc finger protein ZFP113	877	72.189
3730	AB011089	Homo sapiens KIAA0517 protein	5113	99.114
3731	AC004542	Homo sapiens OXYSTEROL-BINDING PROTEIN-like;	580	77.778
		similar to P22059 (PID:g129308)		''''
3732	U80745	Homo sapiens CTG7a	2275	98.841
3733	Z75536	Caenorhabditis elegans similar to dynein heavy	244	35.385
		chain; cDNA EST EMBL: D27549 comes from this		
		gene; cDNA EST EMBL: D34859 comes from this gene		
3734	AJ002424	Rattus norvegicus p65 protein	1152	63.235
3735	L36434	Mus musculus basic domain/leucine zipper	459	84.884
		transcription factor		
3736	D80005	Homo sapiens KIAA0183	7297	99.906
3737	U79263	Homo sapiens unknown	2128	99.115
3738	X55126	Mus musculus Zfp-29	648	39.858
3739	U81375	Homo sapiens equilibrative nucleoside	510	36.965
		transporter 1		
3740	U22376	Homo sapiens alternatively spliced product	444	73.404
		using exon 13A		
3741	AJ001531	Homo sapiens neurotrypsin	6316	99.657
3742	X66405	Mus musculus collagen alpha1 type VI-precursor	6248	90.578
3743	X66902	Mus musculus En-2/lacZ fusion protein	402	92.857
3744	AF121081	Mus musculus cAMP inducible 2 protein	395	90.000
3745	AB020671	Homo sapiens KIAA0864 protein	7713	99.590
3746	U75329	Homo sapiens serine protease	577	42.512
3747	D86980	Homo sapiens KIAA0227	447	63.793
3748	U22376	Homo sapiens alternatively spliced product	322	62.245
		using exon 13A		
	AB023206	Homo sapiens KIAA0989 protein	5583	99.767
3750	X52949	Giardia intestinalis unidentified reading	181	35.065
		frame; alternative codon use		
3751	AB011105	Homo sapiens KIAA0533 protein	10943	99.818
3752	L07809	Homo sapiens dynamin	323	77.049
3753	AB028957	Homo sapiens KIAA1034 protein	4933	98.558
3754	AF078165	Homo sapiens conductin	4436	98.678
3755	X52876	Gallus gallus myosin light chain kinase	263	38.312
3756	U23452	Caenorhabditis elegans No definition line found	355	40.397
3757	U80445	Unknown coded for by C. elegans cDNA yk13g5.3;	1584	45.819
		coded for by C. elegans cDNA yk21g6.3; coded		
2750	1100000	for by	255	65-5-
3758	U80223	Drosophila melanogaster eukaryotic initiation	372	27.586
3759	[112202	factor eIF-2 alpha kinase; DGCN2	600	45 500
	U12392	Haematobia irritans putative ATPase	628	45.588
3760 3761	Y15913	Homo sapiens COL1A1 and PDGFB fusion transcript	102	41.071
	AL050089	Homo sapiens hypothetical protein	5354	99.753
3762	AF063231	Mus musculus cytoplasmic dynein intermediate chain 2	3011	96.646
3763	AF151840	Homo sapiens CGI-82 protein	630	E4 040
3764	AB014600	Homo sapiens KIAA0700 protein	639 7538	54.040 99.735
3765	AF000996	Homo sapiens what with the sapiens will be sapiens with the sapiens with t	425	
3766	D42055	Homo sapiens KIAA0093 gene product is related	6302	75.610 99.892
3,00	D42000	to NEDD-4 protein.	0302	77.072
3767	M27685	Mus musculus ultra-high sulphur keratin	396	39.759
3768	AL031177	Homo sapiens dJ889M15.3 (novel protein)	366	39.759
3769	AF128527	Homo sapiens breast cancer associated gene 1	768	
3103	וארודהארו	protein	/00	42.663
3770	AL022393	Homo sapiens p373c6.1	3523	100.000
3771	U66496	Homo sapiens leptin receptor	265	63.380
3111	000490	Thomas aptens teherm tecebrar	203	03.300

3772	M34915	Bos taurus retina-specific 15.7 kDa protein	376	57.778
3773	D86984	Homo sapiens similar to yeast adenylate cyclase	1155	61.056
		(S56776)		
3774	D88750	Bacillus circulans beta-galactosidase	434	36.792
3775	Z50097	Drosophila melanogaster hdc protein	691	30.839
3776	U83246	Homo sapiens copine I	1011	53.667
3777	AB014516	Homo sapiens KIAA0616 protein	263	36.757
3778	AL031393	Homo sapiens dJ733D15.1 (Zinc-finger protein)	562	41.026
3779	Z24725	Homo sapiens mitogen inducible gene mig-2	4368	95.921
3780	U37376	Xenopus laevis MAM domain protein	1475	66.134
3781	AC007228	Homo sapiens BC37295 2 (partial)	1091	100.000
3782	AF124440	Homo sapiens MAGE tumor antigen D1	1496	57.176
3783	AF043695	Caenorhabditis elegans similar to the protein phosphates 2c family	732	37.789
3784	AL049733	Homo sapiens dJ875H3.1 (APK1 antigen)	1628	81.034
3785	AC006225	Arabidopsis thaliana putative multidrug	948	45.723
		resistance protein	310	13.723
3786	AB001636	Homo sapiens ATP-dependent RNA helicase #46	480	36.134
3787	U63839	Rattus norvegicus nucleoporin p58	701	94.017
3788	U75329	Homo sapiens serine protease	782	39.441
3789	AF127389	Rattus norvegicus putative taste receptor TR1	1201	43.715
3790	X80038	Homo sapiens Polio virus receptor protein	2979	99.560
3791	AF143003	Perca flavescens lysyl oxidase related protein homolog	1350	58.610
3792	S44213	Saccharomyces cerevisiae, Peptide, 323 aa	479	35.918
	011010	YKL522=mitochondrial ADP/ATP carrier protein	1/5	33.310
		homolog		
3793	AB018342	Homo sapiens KIAA0799 protein	4494	97.899
3794	229371	Oryctolagus cuniculus adenylyl cyclase type V	1178	100.000
3795	AF004715	Homo sapiens jerky gene product homolog	964	56.154
3796	AJ001403	Homo sapiens MUC5AC protein	7672	98.885
3797	X52875	Mus musculus Prx2	1371	88.845
3798	AF071172	Homo sapiens HERC2	533	32.626
3799	X75342	Homo sapiens Shb	3266	98.780
3800	M94362	Homo sapiens lamin B2	3268	99.806
3801	X67155	Homo sapiens mitotic kinase-like protein-1	4488	98.875
3802	AF132972	Homo sapiens CGI-38 protein	694	62.424
3803	U29156	Mus musculus involved in signaling by the	566	63.399
		epidermal growth factor receptor; Method:		00.033
		conceptual translation supplied by author		
3804	AB011104	Homo sapiens KIAA0532 protein	10989	99.939
3805	AF088916	Homo sapiens emilin precursor	6793	99.902
3806		Ensis minor nuclear protein	466	31.944
3807		Rattus norvegicus b-tomosyn isoform	2613	94.601
3808		Drosophila melanogaster zinc finger protein	294	39.655
3809	D38538	Anthocidaris crassispina dynein intermediate chain 2	320	61.250
3810	D79994	Homo sapiens similar to ankyrin of Chromatium vinosum.	352	54.918
3811	L04490	Homo sapiens NADH dehydrogenase (ubiquinone)	780	83.871
3812	M77003	Mus musculus glycerol-3-phosphate	1344	96.744
2012	117,7000	acyltransferase	1244	70.744
3813	U29501	Mus musculus Zfp67p	407	57.500
3814	AF055993	Homo sapiens mSin3A associated polypeptide p30	761	67.935
3815	AL080123	Homo sapiens hypothetical protein	828	60.317
3816	D80005	Homo sapiens KIAA0183	7297	99.906
3817	AL110490	Caenorhabditis elegans predicted using	490	53.503
		Genefinder		
3818	L31840	Rattus norvegicus nuclear pore complex protein	3280	92.559

	<u> </u>	NUP107		
3819	D86976	Homo sapiens similar to C.elegans protein	7679	99.914
3013	000070	(237093)	' ' ' '	
3820	X97230	Homo sapiens NK receptor	2968	98.621
3821	U22376	Homo sapiens alternatively spliced product	78	30.769
		using exon 13A		
3822	Z97184	Homo sapiens BING1	2519	100.000
3823	AF041835	Homo sapiens laminin gamma 3 chain precursor	11183	99.685
3824	AF030430	Mus musculus semaphorin VIa	170	30.769
3825	AB014516	Homo sapiens KIAA0616 protein	323	31.915
3826	AB028948	Homo sapiens KIAA1025 protein	7802	100.000
3827	D88750	Bacillus circulans beta-galactosidase	433	36.792
3828	D50918	Homo sapiens The KIAA0128 gene is related to cdc10.	880	98.601
3829	D90716	Escherichia coli Hypothetical 18.7 kd protein in rhlE-dinG/rarB intergenic region (F160).	703	99.115
3830	AB018254	Homo sapiens KIAA0711 protein	285	31.818
3831	AC004010	Homo sapiens similar to Leucine-rich	3422	99.808
		transmembrane proteins; 44% similarity to U42767 (PID:g1736918)		
3832	D38538	Anthocidaris crassispina dynein intermediate chain 2	519	57.746
3833	D10355	Homo sapiens alanine aminotransferase	1410	67.230
3834	AF059611	Homo sapiens nuclear matrix protein NRP/B	1240	80.543
3835	D87467	Homo sapiens Similar to a C.elegans guanine nucleotide releasing factor homolog (S4 2368)	751	60.101
3836	AF022212	Homo sapiens Rho GTPase activating protein 6 isoform 2	4372	98.671
3837	AF135491	Mus musculus neuronal apoptosis inhibitory protein	364	23.143
3838	AF089897	Homo sapiens topoisomerase-related function protein	701	72.414
3839	AC006951	Arabidopsis thaliana putative 3-oxoacyl carrier protein synthase II	1115	54.655
3840	AF104260	Homo sapiens hiwi	325	75.439
3841	X90849	Gallus gallus polybromo 1 protein	890	84.967
3842	AF045022	Bos taurus phosphatidic acid-preferring phospholipase Al	2411	91.847
3843	AC007661	Arabidopsis thaliana hypothetical protein	344	36.548
3844	AL080062	Homo sapiens hypothetical protein	2022	99.653
3845	D83536	Escherichia coli AcylUDP-n-acetylglucosam ine o-acyltransferase (EC 2.3.1.129)	570	98.901
3846	AF115509	Homo sapiens LRR FLI-I interacting protein 2	2569	97.092
3847	S58722	Homo sapiens X-linked retinopathy protein {C-terminal, clone XEH.8c}	261	80.000
3848	Z81143	Caenorhabditis elegans cDNA EST yk481g5.5 comes from this gene; cDNA EST yk508e4.3 comes from this gene	187	24.766
	AF181623	Drosophila melanogaster BcDNA.GH02974	494	43.655
3850	AF152097	Homo sapiens CGI-05 protein	3615	100.000
3851	AB018274	Homo sapiens KIAA0731 protein	7511	99.545
3852	X05472	Rattus norvegicus ORF 3	173	50.000
3853	D29954	Homo sapiens KIAA0056	9851 809	99.535
3854 3855	AF126484 AF151824	Homo sapiens CGI-66 protein	1228	71.090 81.304
3856	Z38102	Homo sapiens interleukin-11 receptor	197	87.500
3857	AF061346	Mus musculus Edpl protein	195	59.091
3858	U58658	Homo sapiens unknown	291	51.546
3859	U70932	Peromyscus leucopus reverse transcriptase	150	43.137

3860	AB028997	Homo sapiens KIAA1074 protein	162	55.556
3860	AF028826	Homo sapiens Tax interaction protein 33	216	39.216
3862	AB012725	Mus musculus zinc finger protein	1900	84.046
3863	AF031835	Caenorhabditis elegans GLY5a; ppGaNTase	639	34.848
3864	A52806	unidentified unnamed protein product	1054	87.640
3865	X71666	Bos taurus calcineurin	366	75.641
3866	Z11793	Homo sapiens selenoprotein P	2557	99.475
3867	M29649	Otolemur crassicaudatus B-alpha-hemoglobin	169	41.772
3868	AF016448	Caenorhabditis elegans No definition line found	451	29.392
3869	AJ011856	Saccharomyces cerevisiae ORF Q0144	125	40.476
3870	A01592	Homo sapiens haemoglobin A beta chain	212	58.462
3871	V00662	Homo sapiens cytochrome oxidase I	1742	91.667
3872	U22232	Felis catus ribosomal protein S4	451	87.342
3873	AF159092	Homo sapiens syld709613 protein	447	77.273
3874	X85807	Saccharomyces cerevisiae ORF G6623	234	26.690
3875	U22961	Homo sapiens similar to human albumin, Swiss-	289	91.837
		Prot Accession Number P02768; Method:		
		conceptual translation supplied by author		<u> </u>
3876	L06419	Homo sapiens lysyl hydroxylase	464	77.273
3877	AF041378	Homo sapiens cell death activator CIDE-A	260	44.444
3878	AL109630	Drosophila melanogaster BACR7A4.z	198	42.169
3879	D50134	Homo sapiens inward rectifying K channel	180	59.322
3880	U49439	Drosophila melanogaster ASH1	614	35.754
3881	AF081947	Mus musculus tektin	191	49.057
3882	AL034559	Plasmodium falciparum predicted using hexExon; MAL3P7.14 (PFC0925w), Hypothetical protein, len: 489 aa	178	47.170
3883	M97662	Rattus norvegicus beta-alanine synthase	1836	86.469
3884	AC004990	Homo sapiens supported by Genscan and several ESTs: C83049 (NID:g3062006), AA823760 (NID:g2893628), AA215791 (NID:g1815572), AI095488 (NID:g3434464), and AA969095	3070	98.488
222=		(NID:g3144275)	200	
3885	AF163254	Homo sapiens adaptor protein DAPP1	320	90.196
3886	AB010710	Homo sapiens lectin-like oxidized LDL receptor	403 208	39.552 32.031
3887	L29029	Chlamydomonas reinhardtii amino acid feature: Rod protein domain, aa 266 468; amino acid feature: globular protein domain, aa 32 265		
3888	X67863	Mus musculus T2	133	34.444
3889	AF028722	Mus musculus fetal globin inducing factor	915	80.347
3890	AF044208	Drosophila melanogaster Strabismus	1389	47.228
3891	D10712	Mus musculus nedd-1 protein	1450	78.397
3892	U07974	Gallus gallus unknown	349	34.528
3893	AF107295	Rattus norvegicus outer membrane protein	962	81.215
3894	M36912	Zea mays cell wall protein (put.); putative	247	31.073
3895	M23568	Mus musculus transmembrane protein	404	75.862
3896	AB002317	Homo sapiens KIAA0319	1066	50.309
3897	X92485	Plasmodium vivax pval	318	52.688
3898	X68060	Homo sapiens DNA topoisomerase II	10692	99.753
3899	U09366	Homo sapiens zinc finger protein ZNF133	1807	59.069
3900 3901	X66366	Rattus norvegicus Gephyrin	2988	86.289
	AF113131	Homo sapiens host cell factor homolog LCP	1948	92.105
3902	AB023158	Homo sapiens KIAA0941 protein Caenorhabditis elegans similar to S. cerevisiae	259 695	53.425
3903	U23484	pre-mRNA splicing factor RNA helicase PRP22 (SP:PR22_YEAST, P24384) and other DEAH subfamily members of the DEAD box family helicases	033	40.370
3904	Z98949	Homo sapiens bK125H2.1 (myosin heavy chain)	6922	99.813
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	·	

3905	AL031174	Schizosaccharomyces pombe hypothetical protein	1088	40.222
3906	AC004925	Homo sapiens supported by human ESTs H23395	2042	98.697
****		(NID:g892090) and AA126363 (NID:g1687976),		
İ		mouse ESTs W83982 (NID:g1394952) and AA717633	į	
		(NID:g2729907), and Genscan		
3907	AF133124	Homo sapiens transcription factor IIIC63	2190	94.334
			1	53.266
3908	AF074086	Homo sapiens envelope	781	
3909	AF035285	Homo sapiens dihydroxyacetone phosphate	177	53.968
		acyltransferase		
3910	AB018272	Homo sapiens KIAA0729 protein	1517	79.193
3911	AC008075	Arabidopsis thaliana F24J5.4	155	35.922
3912	U38904	Homo sapiens zinc finger protein C2H2-25	1179	61.905
3913	AF049099	Mus musculus SPAF	851	40.223
3914	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	340	64.865
3915	AL033125	Unknown 1-evidence=predicted by content; 1-	245	29.907
3913	MI033123		243	29.907
		method=genefinder;084; 1-evidence_end; 2-		
2016	7.7000474	evidence=pred		100
3916	AJ002474	Rattus norvegicus Testis-specific A-kinase-	244	26.106
	L	anchoring-protein		
3917	AB003503	Mus musculus Guanine Nucleotide Regulatory	2849	95.730
		Protein		
3918	AF060539	Mus musculus channel interacting PDZ domain	710	82.014
		protein		
3919	AF016427	Caenorhabditis elegans Contains similarity to	845	60.000
3313	MICIOTE	Pfam domain: PF00004 (AAA), Score=268.1, E-	043	00.000
2000		value=3.7e-77, N=1		24 252
3920	Z30320	Plasmodium falciparum liver stage antigen-1	41	31.250
3921	AB009698	Homo sapiens hOAT1-2	168	51.786
3922	AF136234	Lytechinus variegatus microtubule-associated	482	35.371
		protein		
3923	AF131833	Homo sapiens Unknown	312	69.014
3924	AF006064	Fowlpox virus protein kinase homolog	268	40.566
3925	M12140	Homo sapiens envelope protein	638	66.906
3926	AL022724	Homo sapiens dJ413H6.1.1 (hamster Androgen-	346	74.324
3320	1111022724	dependent Expressed Protein LIKE PUTATIVE	340	/4.524
		protein) (isoform 1)		
2007	77007700		1000	00 000
	AJ007798	Homo sapiens nuclear protein SA3	1098	92.090
3928	AF127374	Streptomyces lavendulae unknown	715	33.125
3929	Y15908	Homo sapiens DIA-12C protein	918	96.622
3930	M74824	Drosophila melanogaster D-E-A-D box protein	510	38.768
3931	A00279	synthetic construct Human serum albumin	519	67.857
3932	X78933	Homo sapiens zinc finger protein	1703	64.571
3933	AL117557	Homo sapiens hypothetical protein	628	64.671
3934	AF077040	Homo sapiens SIH003	167	92.308
3935	AF038963	Homo sapiens RNA helicase	564	32.749
3936	AB014579	Homo sapiens KIAA0679 protein	232	78.571
3937	AJ010045	Mus musculus guanine nucleotide-exchange factor	703	49.351
3938	AJ005021	Styela plicata intermediate filament protein	188	25.294
]	IFB		1
3939	S48220	Homo sapiens type I 5' iodothyronine	1696	99.593
		deiodinase, 5' DI		
3940	U89984	Acanthamoeba castellanii transformation-	324	28.631
"""	505504	sensitive protein homolog	524	20.031
3941	1122276		102	64 040
3941	U22376	Homo sapiens alternatively spliced product	402	64.948
2212	200000000	using exon 13A	105-	
3942		Homo sapiens neuronal thread protein AD7c-NTP	315	58.621
3943		Rattus norvegicus , gene product	3698	95.805
3944	AL032657	Unknown predicted using Genefinder; similar to	943	35.279
1	!	DnaJ domain; Thioredoxin; cDNA EST yk433f3.5	1	1
	l .			

3945 3940			come	I	1
Conjugating enzyme. Conjugating enzyme. 745 35.890 3946 AF070572 Home sapiens unknown 745 35.890 3947 X68314 Home sapiens glutathione peroxidase-GI 1295 100.000 3948 J04801 Home sapiens open reading frame A 321 86.207 3949 M77836 Home sapiens pyrroline-5-carboxylate reductase 285 42.400 3950 AF000060 Aeropyrum pernix 143aa long hypothetical 169 37.681 protein Caenorhabditis elegans prolyl 4-hydroxylase 249 52.239 3951 Robot Home sapiens KIAA0731 protein 850 65.000 3953 AC05396 Arabidopsis thaliana putative proline-rich cell 174 31.677 wall protein S40 Home sapiens KIAA0731 protein 550 55.000 3954 U24657 Myxococcus xanthus putative 0-methyltransferase 371 39.205 3955 U3376 Caenorhabditis elegans similar to 4- 568 43.882 hydroxybenzoate octaprenyltransferase 371 39.205 S40 Unknown similar to quanine nucleotide binding protein; cDNA EST EMBL:T00917 comes from this gene; c 3957 AF010144 Home sapiens neuronal thread protein AD7c-NTP 393 61.856 3958 AF010144 Home sapiens neuronal thread protein AD7c-NTP 338 56.383 3950 V14999 Drosophila melanogaster Bip2 protein 325 53.425 3961 W89471 Gallid herpesvirus MDV Eco Q protein 176 26.531 3962 U2376 Home sapiens match to ESTS Z43979 (NID:g670397), R19699 (NID:g774333), T59198 (NID:g661035), and AAD27979 (NID:g1494038) 3968 AB020626 Home sapiens KIAA0815 protein 368 54.000 3966 W3644 Caenorhabditis elegans CD01 protein 368 54.000 3696 3696 39364 Caenorhabditis elegans Evaluation 369 56.956 3696	3945	1140411		254	41 837
3946 AF070572 Homo sapiens unknown 745 35.980 3947 X68314 Homo sapiens glutathione peroxidase-GI 1295 100.000 3948 J04801 Homo sapiens open reading frame A 321 86.207 3950 AF000060 Aeropyrum pernix 143aa long hypothetical 169 37.681 3951 U12762 Caenorhabditis elegans prolyl 4-hydroxylase 249 52.239 3952 AB018274 Homo sapiens KIAA0731 protein 850 65.000 3953 AC005396 Arabidopsis thaliana putative proline-rich cell 174 31.677 3954 U24657 Myxococcus xanthus putative O-methyltransferase 371 39.205 3955 U3376 Caenorhabditis elegans similar to 4- 588 43.882 3956 U33739 Unknown similar to guanie nucleotide binding protein; cDNA EST EMBL:T00917 comes from this gene; c 3957 AF010144 Homo sapiens neuronal thread protein AD7c-NTP 393 61.856 3958 AF010144 Homo sapiens neuronal thread protein AD7c-NTP 393 56.383 3959 U56966 Caenorhabditis elegans coded for by C. elegans cDNA yk3003.3 3960 Yi4999 Drosophila melanogaster Bip2 protein 325 53.425 3961 M89471 gallid herpesvirus MOV Eco Q protein 376 26.531 3962 U22376 Homo sapiens match to ESTS 243979 (NID:g573097), R19699 (NID:g774333), T59198 (NID:g573097), R19699 (NID:g774333), T59198 (NID:g573097), R19699 (NID:g774333), T59198 (NID:g573097), R19699 (NID:g774333), T59198 (NID:g573097), R19699 (NID:g774333), T59198 (NID:g573097), R19699 (NID:g774333), T59198 (NID:g573097), R19699 (NID:g774333), T59198 (NID:g573097), R19699 (NID:g774333), T59198 (NID:g573097), R19699 (NID:g774333), T59198 (NID:g573097), R19699 (NID:g774333), T59198 (NID:g573097), R19699 (NID:g774333), T59198 (NID:g573097), R19699 (NID:g774333), T59198 (NID:g573097), R19699 (NID:g774333), T59198 (NID:g573097), R19699 (NID:g774333), T59198 (NID:g573097), R19699 (NID:g774333), T59198 (NID:g573097), R19699 (NID:g774333), T59198 (NID:g573097), R19699 (NID:g774333), T59198 (NID:g573097), R19699 (NID:g774333), T59198 (NID:g573097),	3343	040411		234	41.057
3948 J4801	3946	AF070572		745	35,980
3948 J04801 Homo sapiens Open reading frame A 321 86.207 3950 AP000060 Homo sapiens pyrroline-5-carboxylate reductase 285 32.400 3950 AP000060 Aeropyrum pernix 143aa long hypothetical 169 37.681 3					
3950 AP0000600 AP00006000 AP0000600 AP0000600 AP0000600 AP0000600 AP0000600000000000000000000000000000000					
3950 AP000060 Aeropyrum pernix 143aa long hypothetical protein 169 37.681					
					1
alpha subunit			protein		
3953 Ac005396		U12762		249	52.239
wall protein				850	
3955	3953	AC005396		174	31.677
Nydroxybenzoate octaprenyltransferase	3954	U24657	Myxococcus xanthus putative O-methyltransferase	371	39.205
3956	3955	U13876		588	43.882
Protein; cDNA EST EMBL:T00917 comes from this gene; c Gene; c Homo sapiens neuronal thread protein AD7c-NTP 393 61.856 3958 AF010144 Homo sapiens neuronal thread protein AD7c-NTP 338 56.383 3959 U56966 Caenorhabditis elegans coded for by C. elegans cDNA yk30b3.5; coded for by C. elegans cDNA yk30b3.5; coded for by C. elegans cDNA yk30b3.3 S6.383 3960 Y14999 Drosophila melanogaster Bip2 protein 325 53.425 3961 M89471 gallid herpesvirus 1 MDV Eco Q protein 176 26.531 3962 U22376 Homo sapiens alternatively spliced product 379 60.825 Using exon 13A Homo sapiens match to ESTS Z43979 447 60.550 (NID:g573097), R19699 (NID:g774333), T59198 (NID:g661035), and AAO27979 (NID:g1494038) 3964 L24907 Rattus norvegicus protein kinase I 311 63.636 3965 M97204 Drosophila melanogaster goliath protein 368 54.000 3966 U3644 Caenorhabditis elegans No definition line found 424 40.187 3967 ABO23152 Homo sapiens KIAA0835 protein 4930 96.834 3968 ABO20626 Homo sapiens KIAA0835 protein 4930 96.834 3969 U22376 Homo sapiens KIAA0819 protein 294 50.000 3970 D16593 Homo sapiens hippocalcin 496 44.172 496 44.172 497			hydroxybenzoate octaprenyltransferase		
3957 AF010144 Homo sapiens neuronal thread protein AD7c-NTP 393 61.856 3958 AF010144 Homo sapiens neuronal thread protein AD7c-NTP 338 56.383 3959 U56966 Caenorhabditis elegans coded for by C. elegans cDNA yk30b3.5; coded for by C. elegans cDNA yk30b3.3 844 40.116 3960 Y14999 Drosophila melanogaster Bip2 protein 325 53.425 3961 M89471 gallid herpesvirus 1 MDV Eco Q protein 176 26.531 3962 U22376 Homo sapiens atch to ESTS 243979 447 60.550 3963 AC004997 Homo sapiens match to ESTS 243979 447 60.550 (NID:g573097) R19699 (NID:g744333), T59198 (NID:g1494038) 3964 L24907 Rattus norvegicus protein kinase I 311 63.636 3965 M97204 Drosophila melanogaster goliath protein 368 54.000 3966 U13644 Caenorhabditis elegans No definition line found 424 40.187 3967 AB023152 Homo sapiens KIAA0319 protein 294 50.000 3968 AB020626	3956	Z37139	protein; cDNA EST EMBL:T00917 comes from this	514	64.865
3958 AF010144 Homo sapiens neuronal thread protein AD7c-NTP 338 56.383 3959 U56966 Caenorhabditis elegans coded for by C. elegans cDNA yk30b3.3; 844 40.116 3960 Y14999 Drosophila melanogaster Bip2 protein 325 53.425 3961 M89471 gallid herpesvirus 1 MDV Eco Q protein 176 26.531 3962 U22376 Homo sapiens alternatively spliced product using exon 13A 379 60.825 3963 AC004997 Homo sapiens match to ESTs Z43979 (NID:g774333), T59198 (NID:g573097), R19699 (NID:g774333), T59198 (NID:g561035), and AD02799 (NID:g1494038) 447 60.550 3964 L24907 Rattus norvegicus protein kinase I 311 63.636 3965 M97204 Drosophila melanogaster goliath protein 368 54.000 3966 U13644 Caenorhabditis elegans No definition line found 424 40.187 3967 AB023152 Homo sapiens KIAA0819 protein 4930 96.834 3969 U22376 Homo sapiens hippocalcin 190 68.750 3971 AB015630 Homo sapi	3957	AF010144		393	61.856
3959 U56966					
CDNA yk30b3.5; coded for by C. elegans cDNA yk30b3.3 3960 Y14999 Drosophila melanogaster Bip2 protein 325 53.425 3961 M89471 gallid herpesvirus 1 MDV Eco Q protein 176 26.531 3962 U22376 Homo sapiens alternatively spliced product 379 60.825 using exon 13A Homo sapiens match to ESTS Z43979 447 60.550 (NID:g673097), R19699 (NID:g774333), T59198 (NID:g661035), and AA027979 (NID:g1494038) 3965 M97204 Drosophila melanogaster goliath protein 368 54.000 3965 M97204 Drosophila melanogaster goliath protein 368 54.000 3966 U13644 Caenorhabditis elegans No definition line found 424 40.187 3967 AB023152 Homo sapiens KIAA0935 protein 4930 96.834 3968 AB020626 Homo sapiens KIAA0819 protein 294 50.000 3969 U22376 Homo sapiens kIAA0819 protein 294 50.000 3970 D16593 Homo sapiens alternatively spliced product 397 70.930 3971 AB015630 Homo sapiens type II membrane protein 496 44.172 3972 X75342 Homo sapiens Shb 575 51.691 3973 U28993 Caenorhabditis elegans F22D3.2 gene product 256 26.244 3974 X64228 Homo sapiens putative oncogene 366 95.000 3975 L12351 Saccharomyces cerevisiae centromere/microtubule binding protein 597 59.524 3976 AF095737 Homo sapiens maknown 339 65.556 3977 V9321 Homo sapiens BP associated factor 352 96.491 3978 AF132148 Drosophila melanogaster unknown 193 26.396 3980 AF010130 Mus musculus neuregulin-3 1435 78.397 3981 277660 Homo sapiens Similarity to Human enoyl-CoA hydratase (SW:ECHM_HUMAN); cDNA EST EMBL:T00611 comes from th 100.000 100.00		U56966			1
3960 Y14999 Drosophila melanogaster Bip2 protein 325 53.425			cDNA yk30b3.5; coded for by C. elegans cDNA		
3961 M89471 gallid herpesvirus 1 MDV Eco Q protein 176 26.531	3960	Y14999		325	53.425
Using exon 13A	3961	M89471		176	26.531
(NID:g573097), R19699 (NID:g774333), T59198 (NID:g661035), and AA027979 (NID:g1494038)	3962	U22376		379	60.825
3964 L24907 Rattus norvegicus protein kinase I 311 63.636 3965 M97204 Drosophila melanogaster goliath protein 368 54.000 3966 U13644 Caenorhabditis elegans No definition line found 424 40.187 3967 AB023152 Homo sapiens KIAA0815 protein 4930 96.834 3968 AB020626 Homo sapiens KIAA0819 protein 294 50.000 3969 U22376 Homo sapiens alternatively spliced product 397 70.930 3970 D16593 Homo sapiens hippocalcin 190 68.750 3971 AB015630 Homo sapiens Shb 575 51.691 3973 U28993 Caenorhabditis elegans F22D3.2 gene product 256 26.244 3974 X64228 Homo sapiens putative oncogene 366 95.000 3975 L12351 Saccharomyces cerevisiae centromere/microtubule binding protein 154 59.524 3977 Y09321 Homo sapiens ITBP associated factor 352 96.491 3978	3963	AC004997	(NID:g573097), R19699 (NID:g774333), T59198	447	60.550
3965 M97204 Drosophila melanogaster goliath protein 368 54.000 3966 U13644 Caenorhabditis elegans No definition line found 424 40.187 3967 AB023152 Homo sapiens KIAA0819 protein 4930 96.834 3968 AB020626 Homo sapiens KIAA0819 protein 294 50.000 3969 U22376 Homo sapiens alternatively spliced product 397 70.930 3970 D16593 Homo sapiens hippocalcin 190 68.750 3971 AB015630 Homo sapiens type II membrane protein 496 44.172 3972 X75342 Homo sapiens Shb 575 51.691 3973 U28993 Caenorhabditis elegans F22D3.2 gene product 256 26.244 3974 X64228 Homo sapiens putative oncogene 366 95.000 3975 L12351 Saccharomyces cerevisiae centromere/microtubule binding protein 154 59.524 3977 Y09321 Homo sapiens unknown 339 65.556 3977 Y09321 Homo sapiens en	3964	1,24907		311	63 636
3966 U13644 Caenorhabditis elegans No definition line found 424 40.187 3967 AB023152 Homo sapiens KIAA0935 protein 4930 96.834 3968 AB020626 Homo sapiens KIAA0819 protein 294 50.000 3969 U22376 Homo sapiens alternatively spliced product using exon 13A 397 70.930 3970 D16593 Homo sapiens hippocalcin 190 68.750 3971 AB015630 Homo sapiens type II membrane protein 496 44.172 3972 X75342 Homo sapiens Shb 575 51.691 3973 U28993 Caenorhabditis elegans F22D3.2 gene product 256 26.244 3974 X64228 Homo sapiens putative oncogene 366 95.000 3975 L12351 Saccharomyces cerevisiae centromere/microtubule binding protein 154 59.524 3976 AF095737 Homo sapiens Unknown 339 65.556 3977 Y09321 Homo sapiens F2P associated factor 352 96.491 3979 AF132148 D				.1	
3967 AB023152 Homo sapiens KIAA0935 protein 4930 96.834 3968 AB020626 Homo sapiens KIAA0819 protein 294 50.000 3969 U22376 Homo sapiens alternatively spliced product using exon 13A 397 70.930 3970 D16593 Homo sapiens hippocalcin 190 68.750 3971 AB015630 Homo sapiens type II membrane protein 496 44.172 3972 X75342 Homo sapiens Shb 575 51.691 3973 U28993 Caenorhabditis elegans F22D3.2 gene product 256 26.244 3974 X64228 Homo sapiens putative oncogene 366 95.000 3975 L12351 Saccharomyces cerevisiae centromere/microtubule binding protein 154 59.524 3976 AF095737 Homo sapiens TBP associated factor 352 96.491 3978 M2140 Homo sapiens envelope protein 1113 60.000 3979 AF132148 Drosophila melanogaster unknown 193 26.396 3980 AF010130 Mus mu				1	
3968 AB020626 Homo sapiens KIAA0819 protein 294 50.000 3969 U22376 Homo sapiens alternatively spliced product using exon 13A 397 70.930 3970 D16593 Homo sapiens hippocalcin 190 68.750 3971 AB015630 Homo sapiens type II membrane protein 496 44.172 3972 X75342 Homo sapiens Shb 575 51.691 3973 U28993 Caenorhabditis elegans F22D3.2 gene product 256 26.244 3974 X64228 Homo sapiens putative oncogene 366 95.000 3975 L12351 Saccharomyces cerevisiae centromere/microtubule binding protein 154 59.524 3977 Y09321 Homo sapiens unknown 339 65.556 3977 Y09321 Homo sapiens TBP associated factor 352 96.491 3978 AF132148 Drosophila melanogaster unknown 193 26.396 3980 AF010130 Mus musculus neuregulin-3 1435 78.397 3981 Z77660 Homo sapiens Similarity to Human enoyl-CoA hydratase (SW:ECHM_HUMAN); cDNA EST EMBL:T00611 580 85.556 3982 AL117662 Homo sapiens hypothetical protein					
3969 U22376					
3970 D16593 Homo sapiens hippocalcin 190 68.750 3971 AB015630 Homo sapiens type II membrane protein 496 44.172 3972 X75342 Homo sapiens Shb 575 51.691 3973 U28993 Caenorhabditis elegans F22D3.2 gene product 256 26.244 3974 X64228 Homo sapiens putative oncogene 366 95.000 3975 L12351 Saccharomyces cerevisiae centromere/microtubule binding protein 154 59.524 3976 AF095737 Homo sapiens unknown 339 65.556 3977 Y09321 Homo sapiens TBP associated factor 352 96.491 3978 M12140 Homo sapiens envelope protein 1113 60.000 3979 AF132148 Drosophila melanogaster unknown 193 26.396 3980 AF010130 Mus musculus neuregulin-3 1435 78.397 3981 277660 Homo sapiens Similarity to Human enoyl-CoA hydratase (SW:ECHM_HUMAN); cDNA EST EMBL:T00611 comes from th 580 85.556 3983 <td< td=""><td></td><td></td><td></td><td></td><td></td></td<>					
3971 AB015630 Homo sapiens type II membrane protein 496 44.172 3972 X75342 Homo sapiens Shb 575 51.691 3973 U28993 Caenorhabditis elegans F22D3.2 gene product 256 26.244 3974 X64228 Homo sapiens putative oncogene 366 95.000 3975 L12351 Saccharomyces cerevisiae centromere/microtubule binding protein 154 59.524 3976 AF095737 Homo sapiens unknown 339 65.556 3977 Y09321 Homo sapiens TBP associated factor 352 96.491 3978 M12140 Homo sapiens envelope protein 1113 60.000 3979 AF132148 Drosophila melanogaster unknown 193 26.396 3980 AF010130 Mus musculus neuregulin-3 1435 78.397 3981 Z77660 Homo sapiens Similarity to Human enoyl-CoA hydratase (SW:ECHM_HUMAN); cDNA EST EMBL:T00611 754 50.000 3983 X81380 Sus scrofa unnamed protein product 580 85.556 3984 AF151886 Homo sapiens CGI-128 protein 284 86.275			using exon 13A		
3972 X75342 Homo sapiens Shb 575 51.691 3973 U28993 Caenorhabditis elegans F22D3.2 gene product 256 26.244 3974 X64228 Homo sapiens putative oncogene 366 95.000 3975 L12351 Saccharomyces cerevisiae centromere/microtubule binding protein 154 59.524 3976 AF095737 Homo sapiens unknown 339 65.556 3977 Y09321 Homo sapiens TBP associated factor 352 96.491 3978 M12140 Homo sapiens envelope protein 1113 60.000 3979 AF132148 Drosophila melanogaster unknown 193 26.396 3980 AF010130 Mus musculus neuregulin-3 1435 78.397 3981 Z77660 Homo sapiens Similarity to Human enoyl-CoA hydratase (SW:ECHM_HUMAN); cDNA EST EMBL:T00611 comes from th 50.000 3983 X81380 Sus scrofa unnamed protein product 580 85.556 3984 AF151886 Homo sapiens CGI-128 protein 284 86.275 3985 U39621 Gallus gallus type V collagen 597 35.404					
3973 U28993 Caenorhabditis elegans F22D3.2 gene product 256 26.244 3974 X64228 Homo sapiens putative oncogene 366 95.000 3975 L12351 Saccharomyces cerevisiae centromere/microtubule binding protein 154 59.524 3976 AF095737 Homo sapiens unknown 339 65.556 3977 Y09321 Homo sapiens TBP associated factor 352 96.491 3978 M12140 Homo sapiens envelope protein 1113 60.000 3979 AF132148 Drosophila melanogaster unknown 193 26.396 3980 AF010130 Mus musculus neuregulin-3 1435 78.397 3981 Z77660 Homo sapiens Similarity to Human enoyl-CoA hydratase (SW:ECHM_HUMAN); cDNA EST EMBL:T00611 comes from th 754 50.000 3982 AL117662 Homo sapiens hypothetical protein 182 59.016 3983 X81380 Sus scrofa unnamed protein product 580 85.556 3984 AF151886 Homo sapiens CGI-128 protein 284 86.275 3		AB015630			44.172
3974 X64228 Homo sapiens putative oncogene 366 95.000 3975 L12351 Saccharomyces cerevisiae centromere/microtubule binding protein 154 59.524 3976 AF095737 Homo sapiens unknown 339 65.556 3977 Y09321 Homo sapiens TBP associated factor 352 96.491 3978 M12140 Homo sapiens envelope protein 1113 60.000 3979 AF132148 Drosophila melanogaster unknown 193 26.396 3980 AF010130 Mus musculus neuregulin-3 1435 78.397 3981 Z77660 Homo sapiens Similarity to Human enoyl-CoA hydratase (SW:ECHM_HUMAN); cDNA EST EMBL:T00611 comes from th 59.016 3982 AL117662 Homo sapiens hypothetical protein 182 59.016 3983 X81380 Sus scrofa unnamed protein product 580 85.556 3984 AF151886 Homo sapiens CGI-128 protein 284 86.275 3985 U39621 Gallus gallus type V collagen 597 35.404				575	
3975 L12351 Saccharomyces cerevisiae centromere/microtubule binding protein 154 59.524 3976 AF095737 Homo sapiens unknown 339 65.556 3977 Y09321 Homo sapiens TBP associated factor 352 96.491 3978 M12140 Homo sapiens envelope protein 1113 60.000 3979 AF132148 Drosophila melanogaster unknown 193 26.396 3980 AF010130 Mus musculus neuregulin-3 1435 78.397 3981 Z77660 Homo sapiens Similarity to Human enoyl-CoA hydratase (SW:ECHM_HUMAN); cDNA EST EMBL:T00611 comes from th 754 50.000 3982 AL117662 Homo sapiens hypothetical protein 182 59.016 3983 X81380 Sus scrofa unnamed protein product 580 85.556 3984 AF151886 Homo sapiens CGI-128 protein 284 86.275 3985 U39621 Gallus gallus type V collagen 597 35.404					
binding protein 3976 AF095737 Homo sapiens unknown 339 65.556					
3976 AF095737 Homo sapiens unknown 339 65.556 3977 Y09321 Homo sapiens TBP associated factor 352 96.491 3978 M12140 Homo sapiens envelope protein 1113 60.000 3979 AF132148 Drosophila melanogaster unknown 193 26.396 3980 AF010130 Mus musculus neuregulin-3 1435 78.397 3981 Z77660 Homo sapiens Similarity to Human enoyl-CoA hydratase (SW:ECHM_HUMAN); cDNA EST EMBL:T00611 comes from th 754 50.000 3982 AL117662 Homo sapiens hypothetical protein 182 59.016 3983 X81380 Sus scrofa unnamed protein product 580 85.556 3984 AF151886 Homo sapiens CGI-128 protein 284 86.275 3985 U39621 Gallus gallus type V collagen 597 35.404	3975	L12351		154	59.524
3977 Y09321 Homo sapiens TBP associated factor 352 96.491 3978 M12140 Homo sapiens envelope protein 1113 60.000 3979 AF132148 Drosophila melanogaster unknown 193 26.396 3980 AF010130 Mus musculus neuregulin-3 1435 78.397 3981 Z77660 Homo sapiens Similarity to Human enoyl-CoA hydratase (SW:ECHM_HUMAN); cDNA EST EMBL:T00611 comes from th 50.000 3982 AL117662 Homo sapiens hypothetical protein 182 59.016 3983 X81380 Sus scrofa unnamed protein product 580 85.556 3984 AF151886 Homo sapiens CGI-128 protein 284 86.275 3985 U39621 Gallus gallus type V collagen 597 35.404	3976	AF095737		339	65.556
3978 M12140 Homo sapiens envelope protein 1113 60.000 3979 AF132148 Drosophila melanogaster unknown 193 26.396 3980 AF010130 Mus musculus neuregulin-3 1435 78.397 3981 Z77660 Homo sapiens Similarity to Human enoyl-CoA hydratase (SW:ECHM_HUMAN); cDNA EST EMBL:T00611 comes from th 50.000 3982 AL117662 Homo sapiens hypothetical protein 182 59.016 3983 X81380 Sus scrofa unnamed protein product 580 85.556 3984 AF151886 Homo sapiens CGI-128 protein 284 86.275 3985 U39621 Gallus gallus type V collagen 597 35.404					
3979 AF132148 Drosophila melanogaster unknown 193 26.396 3980 AF010130 Mus musculus neuregulin-3 1435 78.397 3981 Z77660 Homo sapiens Similarity to Human enoyl-CoA hydratase (SW:ECHM_HUMAN); cDNA EST EMBL:T00611 comes from th 754 50.000 3982 AL117662 Homo sapiens hypothetical protein 182 59.016 3983 X81380 Sus scrofa unnamed protein product 580 85.556 3984 AF151886 Homo sapiens CGI-128 protein 284 86.275 3985 U39621 Gallus gallus type V collagen 597 35.404					
3980 AF010130 Mus musculus neuregulin-3 1435 78.397 3981 Z77660 Homo sapiens Similarity to Human enoyl-CoA hydratase (SW:ECHM_HUMAN); cDNA EST EMBL:T00611 comes from th 754 50.000 3982 AL117662 Homo sapiens hypothetical protein 182 59.016 3983 X81380 Sus scrofa unnamed protein product 580 85.556 3984 AF151886 Homo sapiens CGI-128 protein 284 86.275 3985 U39621 Gallus gallus type V collagen 597 35.404					
3981 Z77660 Homo sapiens Similarity to Human enoyl-CoA hydratase (SW:ECHM_HUMAN); cDNA EST EMBL:T00611 comes from th 754 50.000 3982 AL117662 Homo sapiens hypothetical protein 182 59.016 3983 X81380 Sus scrofa unnamed protein product 580 85.556 3984 AF151886 Homo sapiens CGI-128 protein 284 86.275 3985 U39621 Gallus gallus type V collagen 597 35.404			<u> </u>		
hydratase (SW:ECHM_HUMAN); cDNA EST EMBL:T00611 comes from th 182 3982 AL117662 Homo sapiens hypothetical protein 182 59.016 3983 X81380 Sus scrofa unnamed protein product 580 85.556 3984 AF151886 Homo sapiens CGI-128 protein 284 86.275 3985 U39621 Gallus gallus type V collagen 597 35.404					
3982 AL117662 Homo sapiens hypothetical protein 182 59.016 3983 X81380 Sus scrofa unnamed protein product 580 85.556 3984 AF151886 Homo sapiens CGI-128 protein 284 86.275 3985 U39621 Gallus gallus type V collagen 597 35.404			hydratase (SW:ECHM_HUMAN); cDNA EST EMBL:T00611		
3983 X81380 Sus scrofa unnamed protein product 580 85.556 3984 AF151886 Homo sapiens CGI-128 protein 284 86.275 3985 U39621 Gallus gallus type V collagen 597 35.404	3982	AL117662		182	59.016
3984 AF151886 Homo sapiens CGI-128 protein 284 86.275 3985 U39621 Gallus gallus type V collagen 597 35.404					
3985 U39621 Gallus gallus type V collagen 597 35.404					
I MONO DANTONO MICCINACIACIA DNIICEM DIOMNEE 1734 13.170	3986	U22376	Homo sapiens alternatively spliced product	294	59.770

	_			,
		using exon 13A		
3987	X61047	Hydra sp. mini-collagen	204	41.121
3988	AF003386	Caenorhabditis elegans No definition line found	236	24.242
3989	M80633	Rattus norvegicus adenylyl cyclase type IV	1363	92.478
3990	AF072508	Homo sapiens envelope protein	221	49.333
3991	AC004523	Homo sapiens F22329 1	1074	69.758
3992	AJ131243	Columba livia 5'-nucleotidase	382	71.084
3993	D38112	Homo sapiens cytochrome c oxidase subunit 3	1577	93.333
3994	AF125175	Homo sapiens angiopoietin-related protein-2	418	62.366
3995	S80119	Rattus sp. reverse transcriptase homolog	345	31.937
3996	AB023186	Homo sapiens KIAA0969 protein	268	44.231
3997	AF047695	Homo sapiens cap-binding protein 4EHP	338	30.890
3998	AF004161	Oryctolagus cuniculus peroxisomal Ca-dependent solute carrier	238	48.780
3999	U72973	Sus scrofa calcium/calmodulin-dependent protein kinase II isoform gamma-G	613	66.447
4000	U23450	Caenorhabditis elegans No definition line found	252	28.994
4001	Z95584	Mycobacterium tuberculosis hypothetical protein Rv1158c	143	35.294
4002	U50929	Homo sapiens betaine:homocysteine methyltransferase	1061	76.166
4003	U22376	Homo sapiens alternatively spliced product using exon 13A	270	49.020
4004	U76846	Arabidopsis thaliana ubiquitin-specific protease	215	30.168
4005	M32865	Homo sapiens Ku protein subunit	221	85.366
4006	AJ235270	Rickettsia prowazekii PROBABLE OXYGEN- INDEPENDENT COPROPORPHYRINOGEN III OXIDASE (hemN)	709	34.188
4007	AB029022	Homo sapiens KIAA1099 protein	2590	75.940
4008	AB023210	Homo sapiens KIAA0993 protein	166	35.135
4009	Y13367	Homo sapiens phosphoinositide 3-kinase	667	79.310
4010	U83115	Homo sapiens non-lens beta gamma-crystallin like protein	479	38.587
4011	U22376	Homo sapiens alternatively spliced product using exon 13A	296	61.842
4012	Z75331	Homo sapiens nuclear protein SA-2	563	69.065
4013	U60553	Homo sapiens carboxylesterase hCE-2	254	81.250
4014	L29457	Mus musculus dynamin	247	47.312
4015	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	371	70.667
4016	AL050321	Homo sapiens dJ717M23.1 (novel gene)	2757	94.533
4017	M18247	Feline leukemia virus gag-pol precursor polyprotein gPr80	394	31.780
4018	AE001691	Thermotoga maritima conserved hypothetical protein	189	33.333
4019	U22376	Homo sapiens alternatively spliced product using exon 13A	423	59.167
4020	Z97200	Homo sapiens dJ79C4.1.2 (Homeobox protein PMX-1 (PHOX1) isoform 2)	68	34.783
4021	S70011	Rattus sp. tricarboxylate carrier	2110	92.711
4022	Z37525	Xenopus laevis XDCoH	251	65.385
4023	X92485	Plasmodium vivax pval	232	58.929
4024	M19651	Rattus norvegicus fos-related antigen	137	33.684
4025	AJ010071	Homo sapiens TOM1-like protein	902	94.702
4026	AB020676	Homo sapiens KIAA0869 protein	478	46.707
4027	Y17833	Human endogenous retrovirus K env protein	417	47.863
4028	U15174	Homo sapiens BCL2/adenovirus E1B 19kD- interacting protein 3	239	66.667
4029	AF132150	Drosophila melanogaster unknown	445	44.828

	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	358	63.158
4031	AF056116	Fugu rubripes unknown	955	70.732
4032	U22376	Homo sapiens alternatively spliced product using exon 13A	280	50.000
4033	K03036	Mus musculus alpha-1 type I procollagen	166	32.895
4034	X01068	Bombyx mori Hc-B chorion protein	282	63.077
4035	X71973	Homo sapiens phospholipid hydroperoxide glutathione peroxidase	1382	100.000
	V00662	Homo sapiens ATPase 6	1039	92.473
4037	AC005546	Homo sapiens R29425_1	2208	89.973
4038	X13459	Mus sp. laminin C-terminal fragment	921	65.581
4039	AF049588	Canis familiaris synapsin I	188	30.288
4040	AF027956	Homo sapiens G protein-coupled receptor	320	25.132
4041	AJ133120	Rattus norvegicus Proline rich synapse associated protein 2	847	93.382
4042	AL110226	Homo sapiens hypothetical protein	535	31.694
4043	AP000061	Aeropyrum pernix 235aa long hypothetical protein	170	30.337
4044	AF007826	Homo sapiens bax epsilon	165	50.000
4045	AF100426	Streptococcus parasanguinis fimbriae-associated protein Fapl	164	26.667
4046	Z82268	Unknown predicted using Genefinder; similar to CUTICLE COLLAGEN 34; cDNA EST EMBL:D65629 comes from	211	33.775
4047	AL049946	Homo sapiens hypothetical protein	1937	46.597
4048	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	364	64.198
4049	AJ001701	Homo sapiens deoxyhypusine synthase	488	81.720
4050	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	213	63.636
4051	X74370	Homo sapiens mucin	167	29.762
4052	D87908	Mus musculus nuclear protein np95	703	64.458
4053	X92485	Plasmodium vivax pval	230	47.826
4054	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	323	67.089
4055	Z71264	Caenorhabditis elegans similar to C2 domain	61	22.642
4056	AF108843	Homo sapiens env protein	348	72.727
4057	U22376	Homo sapiens alternatively spliced product using exon 13A	467	73.196
4058	M74055	Homo sapiens thromboxane synthase	203	82.051
4059	AL050382	Homo sapiens hypothetical protein	225	34.694
4060	AF132883	Caenorhabditis elegans UNC-52/Perlecan	384	32.240
4061	AB007930	Homo sapiens KIAA0461 perotein	393	22.981
4062		Caenorhabditis elegans similar to monoamine oxidase; cDNA EST EMBL:T01957 comes from this gene; cDNA EST yk324d6.3 comes from this gene; cDNA EST yk348h2.3 comes from this gene	528	38.168
	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	342	66.234
4064	X92485	Plasmodium vivax pval	140	63.889
4065	X92485	Plasmodium vivax pval	171	37.079
4066		Homo sapiens neuronal thread protein AD7c-NTP	141	50.000
4067	AB029018	Homo sapiens KIAA1095 protein	867	59.641
4068	AF145690	Drosophila melanogaster BcDNA.LD28657	1142	46.036
4069	M34551	Homo sapiens 52-kD Ro/SSA ribonucleoprotein	716	34.574
4070	X78928	Homo sapiens zinc finger protein	183	34.694
4071	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	347	64.000
4072	AC005396	Arabidopsis thaliana putative proline-rich cell wall protein	174	28.571
4073	D87515	Rattus norvegicus aminopeptidase-B	1786	49.130
4074	AF015264	Rattus norvegicus golgi peripheral membrane protein p65	1576	72.997
4075	X58438	Mus musculus proline rich protein	231	31.333

4076	S67247	Homo sapiens smooth muscle myosin heavy chain isoform SMemb	197	38.554
4077	U22376	Homo sapiens alternatively spliced product using exon 13A	364	67.442
4078	AJ243460	Leishmania major proteophosphoglycan	189	31.278
4079	AJ248288	Pyrococcus abyssi hypothetical protein	378	39.394
4080	AJ388557	Canis familiaris zinc finger protein	1058	55.311
4081	AF041082	Rattus norvegicus transmembrane receptor Robol	194	34.286
4082	AF181646	Drosophila melanogaster BcDNA.GH12326	300	31.847
4083	L36315	Mus musculus zinc finger protein	2474	89.367
4084	D70831	Homo sapiens Zinc-finger protein	1303	58.657
4085	AF083110	Homo sapiens sirtuin type 5	261	93.182
4086	AF072508	Homo sapiens envelope protein	370	79.221
4087	M38257	Escherichia coli ORF 235	696	99.057
4088	X05173	Escherichia coli NR(I) (glnG gene product) (AA 1-468)	995	98.065
4089	U88169	Caenorhabditis elegans similar to molybdoterin biosynthesis MOEB proteins	922	57.874
4090	AF105228	Bos taurus tuftelin	355	31.308
4091	AF169635	Sus scrofa Niemann-Pick C disease protein	478	59.167
4092	Z46793	Caenorhabditis elegans cDNA EST EMBL:D75782 comes from this gene; cDNA EST EMBL:D72838 comes from this gene; cDNA EST yk504a5.3 comes from this gene	244	23.858
4093	J03137	Bos taurus phospholipase C	7783	97.366
4094	AF146277	Homo sapiens adapter protein CMS	3820	100.000
4095	U09367	Homo sapiens zinc finger protein ZNF136	965	42.756
4096	D90907	Synechocystis sp. isoleucyl-tRNA synthetase	965	40.189
4097	U10435	Mus musculus Requiem	432	33.645
4098	X80111	Drosophila melanogaster synapse-associated protein	468	39.556
4099	AL032626	Caenorhabditis elegans predicted using Genefinder	735	51.031
4100	AF081258	Homo sapiens testis-specific chromodomain Y-like protein	3952	100.000
4101	D63877	Homo sapiens KIAA0157 gene product is novel.	2756	99.523
4102	AF116547	Homo sapiens cysteine sulfinic acid decarboxylase-related protein 3	3299	99.797
4103	AL031515	Streptomyces coelicolor hypothetical protein SC5C7.08	377	46.721
4104	Y10388	Homo sapiens Graf protein	293	41.667
4105	D61689	Mus musculus SOX-LZ	1146	96.591
4106	AL035424	Homo sapiens dA22D12.1 (novel protein similar to Drosophila Kelch (Ring Canal protein, KEL) and a heterogenous set of other types of proteins)	2002	75.956
4107	AL035652	Homo sapiens dJ1J6.1 (topoisomerase (DNA) I)	179	100.000
4108	Z92770	Mycobacterium tuberculosis fadE2	267	56.627
4109	AL035524	Arabidopsis thaliana putative protein	498	50.993
4110	X01630	Homo sapiens argininosuccinate synthetase (aa 1-412)	151	100.000
4111	L24920	Pan troglodytes complement receptor 1	987	28.800
4112	AC002126	Homo sapiens R31240 1	655	100.000
4113	AL033377	Homo sapiens dJ287G14.2 (PUTATIVE novel seven transmembrane domain protein)	3224	100.000
4114	AB006533	Homo sapiens DNA helicase	553	77.477
4115	AF087697	Rattus norvegicus dlg 3	283	43.697
4116	AL021917	Homo sapiens dJ45P21.2 (butyrophilin)	613	98.889
4117	AF113136	Homo sapiens IL-1 receptor-associated-kinase-M;	2084	100.000

	<u> </u>	IRAK-M	T	
4118	AB023207	Homo sapiens KIAA0990 protein	533	37.968
4119	X58374	Drosophila melanogaster crn	2515	66.415
4120	Y08302	Homo sapiens mitogen-activated protein kinase	1182	100.000
		phosphatase 4		
4121	AL031667	Homo sapiens dJ620E11.1a (novel Helicase C-	4841	100.000
		terminal domain and SNF2 N-terminal domains		
		containing protein, similar to KIAA0308)		
4122	AB011121	Homo sapiens KIAA0549 protein	3094	99.787
4123	AF155115	Homo sapiens NY-REN-58 antigen	172	100.000
4124	AP000005	Pyrococcus horikoshii 149aa long hypothetical methylmalonyl-CoA decarboxylase gamma chain	225	38.554
4125	L48516	Homo sapiens paraoxonase-3	2210	98.534
4126	AC007292	Homo sapiens R31167_1, partial protein	2907	99.302
4127	D90746	Escherichia coli SocA3 protein	647	100.000
4128	AC005594	Homo sapiens R26984 1	608	100.000
4129	AF143536	Homo sapiens colon cancer-associated protein	3880	97.537
		Mic1		
4130	U49082	Homo sapiens transporter protein	635	62.179
4131	AB018275	Homo sapiens KIAA0732 protein	5592	100.000
4132	M34059	Homo sapiens beta-globin	236	80.488
4133	D13637	Homo sapiens KIAA0012	267	34.307
4134	U90126	Bos taurus ABC transporter	468	60.870
4135	S61069	<pre>Homo sapiens reverse transcriptase homolog=pol {retroviral element}</pre>	271	75.806
4136	X66899	Homo sapiens RNA binding protein	440	100.000
4137	M34458	Homo sapiens lamin B	203	91.667
4138	J03998	Plasmodium falciparum glutamic acid-rich	153	30.645
		protein		
4139	AE001394	Plasmodium falciparum predicted integral	78	62.500
4140	AF036548	membrane protein Rattus norvegicus RGC-32	683	91.304
4141	AF000423	Rattus norvegicus synaptotagmin XI	845	99.219
4142	X53773	Rattus norvegicus alpha-c large chain (AA 1-	1831	68.974
		938)	1031	00.574
4143	A68194	unidentified unnamed protein product	4024	100.000
4144	AB011174	Homo sapiens KIAA0602 protein	6402	99.896
4145	AF035526	Mus musculus kanadaptin	2540	79.716
4146	AF023657	Rattus norvegicus endo-alpha-D-mannosidase	1590	68.285
4147	U62587	Cricetulus griseus beta-1,6-N-	225	56.863
4148	AL049557	acetylglucosaminyltransferase	5/5/	00 070
4140	MU043001	Homo sapiens dJ773A18.2 (PROBABLE ATP-DEPENDENT RNA HELICASE P47 HOMOLOG)	5454	99.879
4149	AF034745	Mus musculus LNXp80	2793	88.486
	AB020689	Homo sapiens KIAA0882 protein	6096	100.000
4151	L15313	Caenorhabditis elegans putative	743	70.667
4152	AF152311	Homo sapiens protocadherin alpha 3	6162	99.368
4153	U88908	Mus musculus inhibitor of apoptosis protein 1	223	41.667
4154	D13626	Homo sapiens KIAA0001	865	49.807
4155	X94912	Homo sapiens Pr22	252	92.857
4156		Homo sapiens tumor suppressing STF cDNA 4	2239	99.392
4157	AL110239	Homo sapiens hypothetical protein	247	97.436
4158	U02082	Homo sapiens guanine nucleotide regulatory protein	822	43.910
4159	Z66496	Unknown cDNA EST EMBL:D71941 comes from this	240	28.387
3100	200470	gene; cDNA EST EMBL:D74691 comes from this	230	20.307
		gene; cDNA]
4160	Z48615	Homo sapiens serine/threonine kinase with SH3	275	43.846
		domain, leucine zipper domain and proline rich		

	T	domain	1	
4161	X66435	Homo sapiens Hydroxymethylglutaryl CoA Synthase	359	96.721
4162	Z49125	Unknown similarity to Trichostrongylus	448	36.932
		colubriformis 11 kd secretory protein (Swiss		30.332
		Prot accession		
4163	AF072372	Mus musculus lysosomal trafficking regulator 2	1554	99.127
4164	M36501	Homo sapiens alpha-2-macroglobulin	642	44.643
4165	U41164	Rattus norvegicus Cys2/His2 zinc finger protein	721	86.957
4166	AL035678	Arabidopsis thaliana putative protein	2127	65.971
4167	AF078779	Rattus norvegicus putative four repeat ion	796	93.600
		channel		
4168	Z28278	Saccharomyces cerevisiae ORF YKR053c	281	25.463
4169	AB028981	Homo sapiens KIAA1058 protein	2502	67.016
4170	AF007157	Homo sapiens unknown	2837	100.000
4171	Z77654	Caenorhabditis elegans predicted using	215	34.483
		Genefinder; Similarity to Drosophila RNA		
		binding protein squid (SW:SQD_DROME); cDNA EST		
		yk638a1.3 comes from this gene		
4172	U62810	Mesocricetus auratus potassium channel Kv8.1	468	100.000
4173	X97999	Homo sapiens transcription factor IID	386	47.297
4174	A01592	Homo sapiens haemoglobin A beta chain	434	95.455
4175	AB001563	Homo sapiens RES4-22D	277	35.099
4176	AF103017	Homo sapiens uroporphyrinogen decarboxylase	248	77.273
4177	A01592	Homo sapiens haemoglobin A beta chain	382	86.567
4178	AB023207	Homo sapiens KIAA0990 protein	663	35.621
4179	Z83844	Homo sapiens similar to SH3-binding protein	372	98.214
4180	AF146688	Fugu rubripes sex comb on midleg-like 2 protein	188	40.000
4181	X13621	Homo sapiens HNP-3 defensin (AA 1- 94)	162	95.238
4182	AC002544	Homo sapiens Translation initiation factor eIF-	1750	98.893
4183	A01592	p110 Homo sapiens haemoglobin A beta chain	434	92.754
4184	AF032668	Rattus norvegicus rsec15	411	73.810
4185	AF073299	Homo sapiens Na+/H+ exchanger isoform 2	2255	100.000
4186	U25691	Mus musculus lymphocyte specific helicase	258	87.500
4187	S72008	Homo sapiens CDC10 homolog=hCDC10	199	94.286
4188	X16491	Dictyostelium discoideum spore coat protein	198	29.240
		sp96		
4189	AJ001019	Homo sapiens ring finger protein	343	46.429
4190	AF125569	Homo sapiens tumor suppressing STF cDNA 6	589	100.000
4191	AB002321	Homo sapiens KIAA0323	5064	100.000
4192	L41560	Homo sapiens pterin-4a-carbinolamine	319	67.105
		dehydratase		
4193	AB006625	Homo sapiens The human homolog of a mouse	7665	99.912
		imprinted gene, Peg3.		
4194	AC004678	Homo sapiens R34094 1	292	93.878
4195		Caenorhabditis elegans putative	503	49.367
4196	AL032639	Unknown similar to Zinc finger, C3HC4 type	171	29.070
		(RING finger); cDNA EST EMBL:C08103 comes from		
4107		this ge		10.000
4197	U87318	Xenopus laevis NaDC-2	682	69.286
4198	AF111423	Xenopus laevis chromosome condensation protein	1706	54.386
4100	V76000	XCAP-G	2000	00 705
4199	X76092	Homo sapiens DNA binding protein RFX3	3080	99.785
4200	U06631	Homo sapiens homologous to mouse gene	350	39.735
4201	AL080123	PC326:GenBank Accession Number M95564	978	64 000
4201	AC005395	Homo sapiens hypothetical protein Arabidopsis thaliana hypothetical protein	503	64.000 35.176
4202	X83544	Homo sapiens DAP-3	247	97.368
4203	AF099013	Homo sapiens glucocorticoid modulatory element	3686	100.000
4204	VE O 2 20 T 2	nome saprens gracecortricord moduratory element	3000	100.000

	1	binding protein-1	1	1
4205	AF005355	Oryctolagus cuniculus translation initiation	3537	99.809
1200		factor eIF2C	0007	33.003
4206	AC002131	Arabidopsis thaliana Similar to seryl-tRNA	374	49.573
		synthetase gb U10400 from S cerevisiae. EST		
		gb N96627 comes from this gene.		
4207	AL080088	Homo sapiens hypothetical protein	1464	99.533
4208	AL031427	Homo sapiens dJ167A19.4 (novel protein) .	146	92.000
4209	L10326	Rattus norvegicus GTP-binding protein alpha-s subunit	154	100.000
4210	AB028944	Homo sapiens KIAA1021 protein	5116	99.742
4211	Z50194	Homo sapiens PQ-rich protein	208	52.174
4212	AC006042	Homo sapiens supported by human ESTs AI681256.1(NID:g4891438),N32168.1(NID:g1152567), and genscan	1016	100.000
4213	X67337	Homo sapiens Human pre-mRNA cleavage factor I 68 kDa subunit	370	65.169
4214	AF034803	Homo sapiens liprin-beta2	581	95.604
4215	U22376	Homo sapiens alternatively spliced product using exon 13A	264	77.358
4216	AF117758	Homo sapiens secreted frizzled-related protein 5	2253	100.000
4217	AF096300	Homo sapiens HPK/GCK-like kinase HGK	1707	92.958
4218	AF043250	Homo sapiens mitochondrial outer membrane protein	1319	64.561
4219	Z81505	Unknown similar to Zinc finger, C3HC4 type (RING finger); cDNA EST EMBL:D28025 comes from this gene	1156	57.045
4220	L04656	Homo sapiens carbonic anhydrase-related protein VIII	220	94.118
4221	AC004084	Homo sapiens similar to GTPase-activating proteins; 35% similar to JC5047 (PID:g2136083)	1268	81.200
4222	A01573	synthetic construct cystatin C	314	92.000
4223	AB014579	Homo sapiens KIAA0679 protein	1735	98.872
4224	AF087433	Rattus norvegicus leprecan	3317	92.075
4225	AL034488	Caenorhabditis elegans predicted using Genefinder; cDNA EST EMBL:C08771 comes from this gene; cDNA EST EMBL:C07412 comes from this gene	400	47.015
	X99583	Homo sapiens CHL1 protein	229	67.308
4227	AJ007583	Homo sapiens acetylglucosaminyltransferase-like protein	1044	67.757
4228	AF132552	Drosophila melanogaster BcDNA.GM01838	1600	65.395
4229	L05779	Homo sapiens cytosolic epoxide hydrolase	159	100.000
4230	X97818	Mus musculus samaphorin G	188	96.296
4231	U38252	Mus musculus fractionated X-irradiation-induced 29 thymoma	469	97.333
`				
4232	X74794	Homo sapiens P1 Cdc21 protein	5616	99.770
4233	X98259	Homo sapiens M-phase phosphoprotein 8	454	100.000
4233 4234	X98259 D83043	Homo sapiens M-phase phosphoprotein 8 Homo sapiens allele A*2711	454 312	100.000
4233 4234 4235	X98259 D83043 AL080150	Homo sapiens M-phase phosphoprotein 8 Homo sapiens allele A*2711 Homo sapiens hypothetical protein	454 312 5789	100.000 90.000 99.542
4233 4234 4235 4236	X98259 D83043 AL080150 AC004594	Homo sapiens M-phase phosphoprotein 8 Homo sapiens allele A*2711 Homo sapiens hypothetical protein Homo sapiens Ca2+ dependent activator protein for secretion; similar to D86214 (NID:g1398903)	454 312 5789 2026	100.000 90.000 99.542 98.418
4233 4234 4235 4236	X98259 D83043 AL080150 AC004594	Homo sapiens M-phase phosphoprotein 8 Homo sapiens allele A*2711 Homo sapiens hypothetical protein Homo sapiens Ca2+ dependent activator protein for secretion; similar to D86214 (NID:g1398903) Bos taurus rab11 binding protein	454 312 5789 2026	100.000 90.000 99.542 98.418
4233 4234 4235 4236 4237 4238	X98259 D83043 AL080150 AC004594 AF117897 D31888	Homo sapiens M-phase phosphoprotein 8 Homo sapiens allele A*2711 Homo sapiens hypothetical protein Homo sapiens Ca2+ dependent activator protein for secretion; similar to D86214 (NID:g1398903) Bos taurus rabl1 binding protein Homo sapiens KIAA0071	454 312 5789 2026 278 410	100.000 90.000 99.542 98.418 88.000 67.347
4233 4234 4235 4236 4237 4238 4239	X98259 D83043 AL080150 AC004594 AF117897 D31888 AF160934	Homo sapiens M-phase phosphoprotein 8 Homo sapiens allele A*2711 Homo sapiens hypothetical protein Homo sapiens Ca2+ dependent activator protein for secretion; similar to D86214 (NID:g1398903) Bos taurus rab11 binding protein Homo sapiens KIAA0071 Drosophila melanogaster BcDNA.LD14189	454 312 5789 2026 278 410 204	100.000 90.000 99.542 98.418 88.000 67.347 64.286
4233 4234 4235 4236 4237 4238	X98259 D83043 AL080150 AC004594 AF117897 D31888	Homo sapiens M-phase phosphoprotein 8 Homo sapiens allele A*2711 Homo sapiens hypothetical protein Homo sapiens Ca2+ dependent activator protein for secretion; similar to D86214 (NID:g1398903) Bos taurus rabl1 binding protein Homo sapiens KIAA0071	454 312 5789 2026 278 410	100.000 90.000 99.542 98.418 88.000 67.347

	1	PCTAIRE 2		
4243	AB030502	Xenopus laevis XDRP1	435	72.000
4244	Z24725	Homo sapiens mitogen inducible gene mig-2	1993	52.783
4245	Z67961	Schizosaccharomyces pombe hypothetical protein	440	33.188
4246	AB002326	Homo sapiens KIAA0328	11013	100.000
4247	M63180	Homo sapiens threonyl-tRNA synthetase	1846	59.111
4248	AF093097	Homo sapiens putative RNA-binding protein Q99	264	90.476
4249	AL080158	Homo sapiens hypothetical protein	801	35.698
4250	U23502	Plasmodium chabaudi chabaudi POM1	487	46.012
4251	Y17392	Homo sapiens prefoldin subunit 1	705	98.291
4252	Z69634	Unknown cDNA EST EMBL:C11678 comes from this	704	34.375
		gene; cDNA EST EMBL:C13926 comes from this		
l		gene; cDNA		
4253	U22387	Homo sapiens immunoglobulin heavy chain	198	64.583
4254	AL050163	Homo sapiens hypothetical protein	735	100.000
4255	AB007945	Homo sapiens KIAA0476 protein	9511	99.711
4256	Z37166	Homo sapiens nuclear RNA helicase (DEAD family)	1864	100.000
4257	X06764	Homo sapiens Ig(k) L-chain precursor	696	84.328
4258	AF048731	Homo sapiens cyclin T2a	4386	100.000
4259	M28732	Mus musculus beta-tubulin	281	66.154
4260	Y10392	Human endogenous retrovirus K protease	452	49.206
4261	AC003682	Homo sapiens R27945 2	1686	100.000
4262	AF044033	Marmota marmota olfactory receptor	267	92.857
4263	L07924	Mus musculus guanine nucleotide dissociation stimulator	3514	84.968
4264	X75931	Bos taurus Cleavage and Polyadenylation	1686	99.222
		specificity factor (CPSF) 100kD subunit		<u> </u>
4265	AC006264	Arabidopsis thaliana unknown protein	278	41.573
4266	X84101	Streptomyces clavuligerus Proclavaminic acid	631	38.340
10.5		amidino hydrolase		
4267	AF108420	Fugu rubripes 1-aminocyclopropane-carboxilate synthase	1001	59.149
4268	AC009325	Arabidopsis thaliana putative	197	38.571
4269	Z74201	phosphate/phosphoenolpyruvate translocator	215	30.380
4209	AL110193	Saccharomyces cerevisiae ORF YDL153c Homo sapiens hypothetical protein	2638	99.229
4271	AF187318	Homo sapiens F-box protein Fbx2	444	55.263
4272	Z77655	Caenorhabditis elegans predicted using	644	34.184
		Genefinder; similar to EF hand (2 domains)		
4273	AF124511	Gallus gallus BVES	339	36.757
4274	AF056035	Rattus norvegicus s-nexilin	3148	85.841
4275	AJ005621	Mus musculus skeletal and cardiac muscle-	1791	95.139
4276	V50200	specific gene	4100	00 036
4276	X58288 M74495	Homo sapiens protein-tyrosine phosphatase Mus musculus adenylosuccinate synthetase	4182 1924	99.836
4277	M26460	Homo sapiens retinoblastoma 1	155	36.667
4279	M83679	Rattus norvegicus RAB15	368	96.491
4280	AL021106	Unknown /prediction=(method:""genscan"",	747	50.215
1200	INDOZIIOO	version:""1.0"", score:""113.71""); /prediction=(method:	, 1,	30.213
4281	X05806	Acetabularia mediterranea put. ORF	189	71.429
4281	AB007900	Homo sapiens HH0452 cDNA clone for KIAA0440 has	774	40.389
7202	115007900	a 438-bp insertion at position 1711 of the	/ / 4	40.309
1		sequence of KIAA0440.		
4283	M95762	Rattus norvegicus GABA transporter	507	81.395
4284	Z99118	Bacillus subtilis aspartyl-tRNA synthetase	1374	43.667
4285	U04301	Oryctolagus cuniculus mannosyl-oligosaccharide	1749	67.385
		alpha-1,2-mannosidase		
4286	M55176	Rhizomucor racemosus MRAS2 gene product	207	32.990

4287	Z70310	Caenorhabditis elegans similar to Glutathione	763	44.565
		S-transferases.; cDNA EST yk536e7.3 comes from		
		this gene		
4288	AB020676	Homo sapiens KIAA0869 protein	814	42.338
4289	AJ006054	Homo sapiens UDP glucuronosyltransferase	345	76.923
4290	U80223	Drosophila melanogaster eukaryotic initiation	783	29.412
		factor eIF-2 alpha kinase; DGCN2		
4291	Z34286	Oryctolagus cuniculus ORF might extend further	432	39.205
		in 5'-direction		
4292	AB007925	Homo sapiens KIAA0456 protein	235	45.122
4293	AF095150	Homo sapiens protein O-mannosyl-transferase 1	2731	100.000
4294	D87433	Homo sapiens KIAA0246	727	38.323
4295	D86984	Homo sapiens similar to yeast adenylate cyclase	1377	51.768
		(S56776)		
4296	AF151811	Homo sapiens CGI-53 protein	2164	99.096
4297	AB011399	Homo sapiens AF-6	515	100.000
4298	AL080123	Homo sapiens hypothetical protein	4248	99.832
4299	AF134726	Homo sapiens NG22	2967	97.821
4300		Homo sapiens KIAA0512 protein	347	30.342
4301	AF092094	Homo sapiens AP-4 adaptor complex beta4 subunit	3564	99.441
4302	L14745	Caenorhabditis elegans homology with GTP	546	51.592
		binding protein; putative		
4303	AF078832	Homo sapiens methyl-CpG binding protein splice	3931	100.000
		variant 3		
4304	<u></u>	Mus musculus unknown	523	51.266
4305	AL050393	Homo sapiens hypothetical protein	420	51.261
4306	D88158	Sus scrofa cytochrome b561	433	50.350
4307	D86964	Homo sapiens similar to a human major CRK-	12180	100.000
		binding protein DOCK180.		
4308	AL110151	Homo sapiens hypothetical protein	2418	99.721
4309	AF140690	Homo sapiens melusin	307	47.778
4310	AC002396	Arabidopsis thaliana Hypothetical protein	1347	51.157
4311	AF068718	Caenorhabditis elegans No definition line found	514	32.394
4312	AB023157	Homo sapiens KIAA0940 protein	1944	91.391
4313	AF059569	Homo sapiens actin binding protein MAYVEN	404	28.421
4314	AB028981	Homo sapiens KIAA1058 protein	1609	68.946
4315	AF133123	Homo sapiens transcription factor IIIC102	4090	100.000
4316		Homo sapiens zinc finger protein	3146	99.307
4317	AF028722	Mus musculus fetal globin inducing factor	490	83.908
4318	M55542	Homo sapiens guanylate binding protein isoform	1774	64.678
4210	77000015	I	7724	100-000
4319	AB029015	Homo sapiens KIAA1092 protein	7731	100.000
4320	AB014548	Homo sapiens KIAA0648 protein	5548	100.000
4321	Z68753	Unknown predicted using Genefinder; Similarity	420	46.875
		to Glucose-repressible alcoihol dehydrogenase		
4222	บ70855	Capparhabditis alagans similar to the BAS gara	E E O	25 020
4322	0/0855	Caenorhabditis elegans similar to the RAS gene	552	35.039
4323	Y00649	family Homo sapiens CR2 receptor	217	27.933
4323	D88315		2647	98.768
4324	בונסטת	Mus musculus tetracycline transporter-like protein	204/	70./68
4325	Z68215	Caenorhabditis elegans C53B4.4c	156	24.370
4325	AJ009698	Rattus norvegicus embigin protein	535	80.392
4328	AB001488	Bacillus subtilis FUNCTION UNKNOWN.	182	36.364
4327	D63877	Homo sapiens KIAA0157 gene product is novel.	208	28.972
4329	M14949	Homo sapiens R-ras	1443	100.000
4329	D42041	Homo sapiens The hall225 gene product is related	6494	99.787
1220	D47041	to human alpha-glucosidase.	0474	22.101
4331	AJ001015	Homo sapiens RAMP2	574	98.824
1331	1.10001010	nome suprems wantz	1 5 / 3	70.024

4000	L 2 D 1 O C 1 C 1		1 005	T 05 035
4332	AF186461	Rattus norvegicus ring finger protein Fxy	295	25.075
4333	AF064255	Homo sapiens very long-chain acyl-CoA synthetase homolog 2; VLCS-H2	1347	100.000
4334	AC004955	Homo sapiens supported by ESTs T61992	1096	100.000
		(NID:g665235) and W26450 (NID:g1307167) and		
		Genscan		
4335	Z46676	Unknown weak similarity to microtubule	443	35.514
		associated proteins; cDNA EST EMBL:T01154 comes		
		from this ge		
4336	U40029	Caenorhabditis elegans No definition line found	1552	47.647
4337	AL032626	Unknown cDNA EST EMBL:D70654 comes from this	957	48.000
		gene; cDNA EST EMBL: Z14359 comes from this		
		gene; cDN		
4338	AC004883	Homo sapiens similar to KIAA0766; similar to	1875	99.296
		PID:g3882253		
4339	X78998	Homo sapiens endosomal protein	372	24.702
4340	AF153208	Homo sapiens GC-rich sequence DNA-binding	588	81.667
		factor candidate		
4341	U00050	Caenorhabditis elegans No definition line found	362	32.512
4342	Z81586	Caenorhabditis elegans cDNA EST yk335d8.5 comes	624	31.796
		from this gene; cDNA EST yk335d8.3 comes from		
		this gene; cDNA EST yk656d4.3 comes from this		
4242	7.700555	gene	015	12 001
4343	AJ388555	Canis familiaris hypothetical protein	915	43.021
4344	U79776	Mus musculus ajuba; jub	431	82.090
4345	U20554	Drosophila melanogaster UDP-	2134	67.550
		glucose:glycoprotein glucosyltransferase		
4346	AB011097	precursor MINDOSOS	1360	14 270
4346	AF124512	Homo sapiens KIAA0525 protein Homo sapiens BVES	907	44.270
4347	A47122	unidentified unnamed protein product	1067	100.000
4349	AC006593	Arabidopsis thaliana putative transmembrane	490	30.350
4343	AC000333	protein	4 90	30.330
4350	M23159	Cricetus cricetus DHFR-coamplified protein	496	85.542
4351	D87515	Rattus norvegicus aminopeptidase-B	2615	92.593
4352	AF090136	Rattus norvegicus lin-7-C	322	100.000
4353	D79998	Homo sapiens KIAA0176	511	70.370
4354	AF098993	Caenorhabditis elegans No definition line found	296	25.000
4355	AF087826	Mus musculus claudin-8	646	79.310
4356	AL023704	Schizosaccharomyces pombe weak similarity to	1525	56.585
		B.subtilis spore outgrowth f actor B	_	
4357	AJ223301	Bos taurus aralkyl acyl-CoA:amino acid N-	694	38.806
		acyltransferase		
4358	AC004908	Homo sapiens zinc finger protein from gene of	1961	100.000
		uncertain exon structure; similar to Q99676		
		(PID:g3025333)		
4359	AF099032	Homo sapiens embryonic ectoderm development	173	96.154
		protein short isoform	L	
4360	AF133670	Mus musculus ARL-6 interacting protein-2	620	96.939
4361	M98502	Mus musculus pMLZ-4	1035	59.535
4362	M97204	Drosophila melanogaster goliath protein	305	67.273
4363	U47924	Homo sapiens C9	905	100.000
4364	AL080144	Homo sapiens hypothetical protein	4653	99.866
4365	AJ222798	Lycopersicon esculentum tDET1 protein	277	37.607
4366	AF024497	Caenorhabditis elegans weak similarity to	333	29.515
4265		drosophila tyrosine kinase (GB:G455391)	105	
4367	Z82083	Caenorhabditis elegans ZK1010.2	407	28.621
4368	AB020626	Homo sapiens KIAA0819 protein	330	40.972
4369	D26488	Homo sapiens This sequence is almost identical	4588	100.000

		h - UUMDCC422 D12C22	T	r
4370	AL031387	to HUMRSC433, D13632. Homo sapiens dJ596C15.1.1 (novel protein)	1083	100.000
4370	ALU31367	(isoform 1)	1003	100.000
4371	AL049699	Homo sapiens dJ747H23.2 (novel protein)	1297	100.000
4371	D90916	Synechocystis sp. hypothetical protein	522	52.695
4372	AC006530	Homo sapiens unknown	681	55.758
4374	AB018323	Homo sapiens KIAA0780 protein	866	98.473
4374	AC004020	Homo sapiens Unknown gene product	958	97.351
4375	AL023518		667	52.857
43/6	ALU23316	Schizosaccharomyces pombe conserved hypothetical protein	007	32.637
4377	AF151799	Homo sapiens CGI-40 protein	424	71.605
4378	AF070637	Homo sapiens unknown	1278	100.000
4379	S60885	Mus sp. LYAR=cell growth regulating nucleolar	536	67.797
		protein		
4380	Z93244	Homo sapiens bK116F5.1 (unknown PUTATIVE protein)	448	53.600
4381	Z95619	Caenorhabditis elegans H21P03.2	201	29.060
4382	U29154	Caenorhabditis elegans T07F12.1 gene product	426	33.617
4383	AF162680	Homo sapiens TRIF	922	99.270
4384	D87433	Homo sapiens KIAA0246	15929	99.955
4385	AF129812	Homo sapiens candidate tumor suppressor protein NOC2	668	97.895
4386	AB002347	Homo sapiens KIAA0349	8658	99.843
4387	Z68166	Schizosaccharomyces pombe unknown	373	35.176
4388	235641	Caenorhabditis elegans cDNA EST yk273d8.5 comes	280	32.402
		from this gene		
4389	D79994	Homo sapiens similar to ankyrin of Chromatium vinosum.	1049	46.667
4390	U40420	Caenorhabditis elegans weak similarity to	537	50.000
		procollagen alpha chain 1(V) chain		
4391	AL023828	Caenorhabditis elegans cDNA EST yk289g5.5 comes	1017	41.943
		from this gene; cDNA EST yk391h4.5 comes from		
		this gene; cDNA EST EMBL: C09408 comes from this		
		gene; cDNA EST yk332h9.5 comes from this gene		
4392	U49056	Rattus norvegicus rA1	1640	94.779
4393	X78801	Gallus gallus ovomacroglobulin, ovostatin	515	47.159
4394	AB014590	Homo sapiens KIAA0690 protein	1584	99.580
4395	AB000216	Rattus norvegicus CCA3	338	73.239
4396	Z81515	Caenorhabditis elegans F26H11.3c	516	39.444
4397	X02488	Homo sapiens collagen N-prepropeptide (aa -22	132	41.379
		to 72)		
	AF067172	Homo sapiens RNA cyclase homolog	1142	97.790
4399	AF181623	Drosophila melanogaster BcDNA.GH02974	223	44.737
4400	Z75543	Caenorhabditis elegans cDNA EST EMBL:M89063	295	39.091
		comes from this gene; cDNA EST yk384f1.3 comes		
		from this gene; cDNA EST yk384f1.5 comes from		
		this gene	<u> </u>	
	A27266	Homo sapiens TGR-CL7	790	100.000
4402	AF041377	Mus musculus cell death activator CIDE-B	218	63.793
4403	X64600	Rattus norvegicus trans golgi network (TGN) specific integral membrane protein TGN38	198	27.317
4404	AF061555	Mus musculus ubiquitin-protein ligase E3-alpha	1751	94.141
4405	AF117723	Glycine max seed maturation protein PM27	231	29.189
4406	AL117204	Caenorhabditis elegans predicted using	1167	41.606
		Genefinder; cDNA EST yk381b7.5 comes from this gene		
4407	AL117518	Homo sapiens hypothetical protein	9043	99.925
4408	U22376	Homo sapiens alternatively spliced product	396	64.286
1 1 100	322370	using exon 13A		04.200

4409	AL050018	Homo sapiens hypothetical protein	2489	99.478
4410	AL030018 AL049943	Homo sapiens hypothetical protein	2268	99.682
4411	Y08991	Homo sapiens adaptor protein	2325	100.000
4412	AB004538	Schizosaccharomyces pombe HYPOTHETICAL 59.2KD	267	43.434
4412	AB004550	PROTEIN IN PFK26-SGA1 INTERGENIC REGION	207	43.434
4413	U73820	Mus musculus polypeptide GalNAc transferase-T1	246	28.090
4414	AL121804	Drosophila melanogaster BACR7C10.a	541	52.381
4415	X83973	Homo sapiens transcription factor	1246	100.000
4416	M96860	Homo sapiens dipeptidyl aminopeptidase like	493	47.436
		protein		
4417	AF024691	Drosophila ananassae putative inorganic	523	45.614
!		phosphate cotransporter		
4418	A38809	Homo sapiens unnamed protein product	564	98.824
4419	U89336	Homo sapiens unknown	197	30.702
4420	U41543	Unknown Similar to Rat trg gene product; coded	898	46.795
		for by C. elegans cDNA yk31e7.5; coded for by		
		C. ele		
4421	AF017418	Homo sapiens homeobox protein MEIS2	859	99.194
4422	Z47075	Unknown similar to Yeast DEG-1 protein (Swiss	558	32.000
		Prot accession number P31115); cDNA EST		
		EMBL:D70252 c		
4423	AJ011812	Homo sapiens transcription factor NRF	2606	100.000
4424	AB007883	Homo sapiens KIAA0423	330	49.495
4425	U76759	Mus musculus nuclear protein NIP45	1207	81.140
4426	AL117499	Homo sapiens hypothetical protein	1109	100.000
4427	AJ132192	Mus musculus HS1 binding protein 3	781	67.568
4428	AL022018	Unknown /prediction=(method:""genscan"",	423	35.156
		version:""1.0"", score:""133.82"");		
4420	AB018345	/prediction=(method:	0170	100.000
4429	AL050095	Homo sapiens KIAA0802 protein	9178 4235	100.000
4430	AF151363	Homo sapiens hypothetical protein Mus musculus Cdc42 GTPase-activating protein	276	60.938
4431	AF060153	Homo sapiens METH2 protein	6295	99.888
4432	AF186115	Mus musculus putative secreted protein SIG9	243	45.000
4433	AJ222636	Homo sapiens hypothetical protein	219	45.370
4435	AB028980	Homo sapiens KIAA1057 protein	6539	99.795
4436	D83206	Mus musculus P24 protein	184	46.429
4437	AF132946	Homo sapiens CGI-12 protein	2097	99.388
4438	AB028985	Homo sapiens KIAA1062 protein	10207	100.000
4439	Z93386	Unknown Similarity to Yeast hypothetical 52.9	1110	48.036
1433	275500	KD protein (SW:P43616); cDNA EST EMBL:M89432	1110	10.050
		comes fr		
4440	U41107	Caenorhabditis elegans No definition line found	680	40.071
4441	U64601	Caenorhabditis elegans Gene probably begins in	289	51.765
		the next cosmid		
4442	AL117204	Caenorhabditis elegans predicted using	299	35.616
		Genefinder		
4443	L32372	Mus musculus AMPA selective glutamate receptor	332	94.545
4444	M63180	Homo sapiens threonyl-tRNA synthetase	2594	76.170
4445	U89529	Rattus norvegicus fatty acid transport protein	289	84.000
4446	X93357	Mus musculus homolog of human SYT	2215	95.652
4447	AB014565	Homo sapiens KIAA0665 protein	323	58.824
4448	AF144757	Homo sapiens PR-domain zinc-finger protein PFM1	5398	99.497
4449	AF131826	Homo sapiens Unknown	763	52.804
4449 4450	AF131826 AF038007	Homo sapiens FIC1	742	49.780
4449	AF131826	Homo sapiens FIC1 Oryctolagus cuniculus protein of unknown		
4449 4450 4451	AF131826 AF038007 Z12840	Homo sapiens FIC1 Oryctolagus cuniculus protein of unknown function	742 831	49.780 33.014
4449 4450	AF131826 AF038007	Homo sapiens FIC1 Oryctolagus cuniculus protein of unknown	742	49.780

			1.647	1 67 044
4453	U40800	Caenorhabditis elegans similar to thymidine	1647	67.341
	22117000	diphosphoglucose 4,6-dehydratase	24.22	
4454	AL117233	Homo sapiens hypothetical protein	3180	99.792
4455	D17629	Homo sapiens GALNS	3665	100.000
4456	Z82053	Unknown predicted using Genefinder; similar to MUTT protein like; cDNA EST EMBL:C07418 comes from t	286	56.757
4457	U71205	Mus musculus rit	358	34.906
4458	AF112481	Homo sapiens RAD54B protein	2357	100.000
4459	Z81137	Unknown Similarity to Yeast YIP1 protein (SW:P53039); cDNA EST EMBL:T01608 comes from this gene; cD	643	50.256
4460		Mus musculus Six5	306	92.308
4461	AJ133768	Homo sapiens ZASP protein	3315	99.787
4462	Z99277	Caenorhabditis elegans cDNA EST CEMSA26F comes from this gene; cDNA EST yk575gll.3 comes from this gene	410	31.206
4463	AB020629	Homo sapiens KIAA0822 protein	1959	69.784
4464	AF074086	Homo sapiens envelope	1469	62.121
4465	Z83123	Caenorhabditis elegans predicted using Genefinder	300	37.956
4466	AB007828	Homo sapiens necdin	407	52.679
4467	AF101361	Drosophila melanogaster Abnormal X segregation	310	31.963
4468	AL021106	<pre>Unknown /prediction=(method:""genscan"", version:""1.0"");</pre>	228	29.114
4469	AC003672	/prediction=(method:""genefinder"", ve Arabidopsis thaliana putative zinc finger protein	506	30.164
4470	D29766	Rattus norvegicus Crk-associated substrate, p130	3067	91.339
4471	X86779	Homo sapiens FAST kinase	162	27.119
4472	U20286	Rattus norvegicus lamina associated polypeptide 1C	1622	74.775
4473	M76720	Xenopus laevis egg-specific protein	149	35.185
4474	AL035086	Homo sapiens dJ44A20.2 (novel protein)	1717	100.000
4475	AF056116	Fugu rubripes unknown	1570	71.976
4476	Z29115	Unknown similar to RNA helicases, deleted exon 1397-1495 which introduced stop codon at 3' splice;	1917	64.027
4477	AF115435	Rattus norvegicus syntaxin 17	629	95.098
4478	AF025424	Rattus norvegicus RNA polymerase I 127 kDa subunit	1970	95.302
4479	Z54328	Schizosaccharomyces pombe hypothetical protein	289	34.266
4480	U15765	Rattus norvegicus nonmuscle myosin heavy chain- B	256	89.744
4481	AF003140	Caenorhabditis elegans No definition line found	432	31.229
4482	AJ224306	Arabidopsis thaliana PRT1	218	34.000
4483	AB002584	Rattus norvegicus beta-alanine-pyruvate aminotransferase	2102	85.515
4484	AL117204	Caenorhabditis elegans predicted using Genefinder	253	26.250
4485	Z11502	Homo sapiens intestine-specific annexin	1581	98.814
4486	AF111713	Homo sapiens junctional adhesion molecule	504	38.565
4487	AF151968	Gallus gallus RGS protein RGS-17	480	91.250
4488	Z69944	Schizosaccharomyces pombe hypothetical protein	490	28.615
4489	Z69637	Caenorhabditis elegans predicted using Genefinder; Similarity to E.coli hypothetical protein YCAC (SW:YCAC_ECOLI); cDNA EST yk555d12.3 comes from this gene	309	63.291

4490	Z79754	Caenorhabditis elegans Similarity to some	502	30.508
4490	2/3/34	phosphatases and kinases; cDNA EST EMBL: 214643	302	30.300
		comes from this gene; cDNA EST yk531b4.3 comes		
		from this gene; cDNA EST yk642e5.3 comes from		
		this gene		
4491	L41816	Homo sapiens cam kinase I	1106	85.484
4492	AF120102	Homo sapiens calsenilin	630	80.531
4493	AL110300	Homo sapiens hypothetical protein	2338	98.352
4494	U28412	Caenorhabditis elegans similar to polyposis	362	51.429
1 1 0 5	-10115	locus protein 1 (SP:DP1 HUMAN, Q00765)	1 671	00.600
4495	L12147	Mus musculus early B-cell factor	1671	99.609
4496	D86964	Homo sapiens similar to a human major CRK- binding protein DOCK180.	1450	99.563
4497	AB020690	Homo sapiens KIAA0883 protein	479	41.176
4498	AC004780	Homo sapiens F17127 1	2136	94.253
4499	AF057365	Canis familiaris UDP N-acetylglucosamine	254	32.639
1.55	111 03 / 3 03	transporter		02.003
4500	AF099186	Mus musculus EH domain-containing protein EHD1	952	67.347
4501	U27838	Mus musculus glycosyl-phosphatidyl-inositol-	460	40.693
		anchored protein homolog		
4502	AF128625	Homo sapiens CDC42-binding protein kinase beta	426	100.000
4503	X69489	Rattus norvegicus beta-chimaerin	290	34.711
4504	AB012933	Rattus norvegicus acyl-CoA synthetase 5	2880	78.571
4505	U53366	Oncorhynchus mykiss terminal deoxynucleotidyl	550	51.099
4500	75005741	transferase	1100	E0 100
4506 4507	AF095741 U83115	Rattus norvegicus unknown Homo sapiens non-lens beta gamma-crystallin	1198	58.123
4507	063113	like protein	10900	100.000
4508	U62906	Mus musculus zinc finger protein 94	1328	69.231
4509	AF109377	Mus musculus ldlBp	782	84.138
4510	AF151799	Homo sapiens CGI-40 protein	3487	95.963
4511	X16262	Rattus norvegicus myosin heavy chain 21 (AA 621)	199	24.437
4512	U43607	Mus musculus transcription factor-like protein 4 beta	1481	87.732
4513	AF135421	Homo sapiens GDP-mannose pyrophosphorylase B	2421	100.000
4514	AL031427	Homo sapiens dJ167A19.4 (novel protein)	146	92.000
4515	Z99129	Homo sapiens dJ425C14.2 (Placental protein DIFF33 LIKE)	884	52.893
4516	Y08135	Mus musculus acid sphingomyelinase-like phosphodiesterase	2365	81.995
4517	AL023286	Schizosaccharomyces pombe probable atp- dependent rna helicase	215	32.374
4518	AL031667	Homo sapiens dJ620E11.1e (novel Helicase C-	1028	99.342
		terminal domain and SNF2 N-terminal domains		
4510	DCCCC	containing protein, similar to KIAA0308)	1.4.1	74 423
4519	D63850	Mus musculus hepatoma-derived growth factor	1444	74.441
4520 4521	AC004523 M60706	Homo sapiens F22329 1 Homo sapiens topoisomerase I	214	84.615 68.243
4521	AF019236	Dictyostelium discoideum TipD	691	37.459
4523	Z75550	Unknown limited similarity with some myosins;	192	28.125
1020	1,3330	cDNA EST EMBL: C08402 comes from this gene; cDNA EST E		20.125
4524	U22376	Homo sapiens alternatively spliced product using exon 13A	363	67.500
4525	L13977	Homo sapiens prolylcarboxypeptidase	453	37.297
4526	D78572	Mus musculus membrane glycoprotein	4177	81.630
4527	AC004883	Homo sapiens similar to KIAA0766; similar to PID:g3882253	386	27.046

4528	AB029005	Homo sapiens KIAA1082 protein	1769	52.795
4528	Z70307	Caenorhabditis elegans Similarity to B.subtilis	384	35.135
4329	270307	tetracycline resistance protein	304	33.133
		(SW:TCR2 BACSU); cDNA EST EMBL:C09951 comes		
		from this gene; cDNA EST EMBL: C08265 comes from		
		this gene; cDNA EST yk619c11.3 comes from this		
		gene		
4530	Y16008	Mus musculus neuronal-STOP protein	914	57.692
4531	U80931	Caenorhabditis elegans strong similarity to	1001	48.377
	******	class-III of pyridoxal-phoshate-dependent		
		aminotransferases		
4532	AF039023	Homo sapiens Ran-GTP binding protein; RanBP6	1209	97.861
4533	AF051945	Mus musculus Xin	492	51.515
4534	AF005856	Drosophila yakuba anon2A5	499	34.454
4535	AF105374	Homo sapiens heparan sulfate D-glucosaminyl 3-	2512	99.455
		O-sulfotransferase-2		
4536	AC004472	Homo sapiens P1.11659_3	1465	75.078
4537	Z66519	Caenorhabditis elegans similar to phytoene	351	30.769
		synthase precursor; cDNA EST yk340f7.3 comes		
	ļ	from this gene; cDNA EST yk340f7.5 comes from		Ì
		this gene; cDNA EST yk565e5.3 comes from this		
4520	7.10010	gene	000	20 660
4538	L12018	Caenorhabditis elegans putative	229	39.669
4539	278201	Unknown Similarity to E.coli 2-oxoglutarate	1681	52.665
		dehydrogenase (SW:ODO1_ECOLI); cDNA EST		
4540	Y17833	EMBL: D32590 com	741	80.597
4541	AC003673	Human endogenous retrovirus K pol protein Arabidopsis thaliana unknown protein	383	27.596
4541	U20861	Caenorhabditis elegans similar to yeast	278	24.416
4542	020001	antiviral protein SKI2 and ATP-dependent DNA-	270	24.410
		helicases		
4543	Z69384	Caenorhabditis elegans Similarity to Salmonella	345	54.023
10.0		regulatory protein UHPC (SW:UHPC SALTY)		
4544	AC004890	Homo sapiens similar to zinc finger proteins;	2856	100.000
		similar to AAC01956 (PID:g2843171)		
4545	AC005532	Homo sapiens supported by GENSCAN prediction	1394	100.000
		and spliced EST; similar to Z35641		
		(PID:g3874821) and AI059600 (NID:g3333377)		
4546	M27508	Homo sapiens beta-galactosidase related protein	966	49.379
		precursor		
4547	AB023176_	Homo sapiens KIAA0959 protein	5305	99.026
4548	L17337	Caenorhabditis elegans coded for by C. elegans	647	46.445
		cDNAs GenBank: M88869 and T01933; putative		
4549	AJ011523	Caenorhabditis elegans CHE-2 protein	532	37.811
4550	U53475	Rattus norvegicus GTPase Rab8b	245	97.436
4551	U74297	Oryctolagus cuniculus PiUS	218	96.774
4552	AL117434	Homo sapiens hypothetical protein	4171	99.685
4553	AL021492	Caenorhabditis elegans Y45F10D.11	518	33.158
4554	D14336	Mus musculus RNA polymerase I associated factor	1494	77.700
4555	AF040965	(PAF53) Homo sapiens unknown protein IT12	5694	99.771
4555	AC005053	Homo sapiens match to ESTs AA316181	2522	100.000
4000	ACOUSUSS	(NID:g3165221), AA032221 (NID:g1502183), and	2322	100.000
		AI167942 (NID:g3701112)		
4557	AF099742	Rattus norvegicus putative short-chain	448	63.158
.551	111 0 3 3 / 3 2	dehydrogenase/reductase	' '	33.130
	U39648	Caenorhabditis elegans T13C5.6 gene product	497	51.250
4558	1 0.33040			,
4558 4559	AL031027	Unknown /prediction=(method:""genefinder"",	754	56.614

	T	/prediction=(metho	<u> </u>	····
4560	AF132164	Drosophila melanogaster unknown	278	35.762
4561	AB020669	Homo sapiens KIAA0862 protein	200	36.585
4562	AL117430	Homo sapiens hypothetical protein	1227	100.000
4563	U21324	Caenorhabditis elegans No definition line found	166	48.936
4564	AF098633	Mus musculus GLUT4 vesicle protein	411	47.656
4565	AF053630	Homo sapiens monocyte/neutrophil elastase	1490	100.000
4303	AF033030	inhibitor	1430	100.000
4566	J05499	Rattus norvegicus L-glutamine amidohydrolase	462	92.208
4567	AF068749	Mus musculus sphingosine kinase	1716	81.908
4568	Z48804	Homo sapiens OAl	1258	100.000
4569	X85030	Homo sapiens calpain	1541	100.000
4570	AL079349	Arabidopsis thaliana putative protein	289	30.962
4571	AF155110	Homo sapiens NY-REN-45 antigen	5381	99.877
4572	AB002301	Homo sapiens KIAA0303	14352	99.953
4573	AC002400	Homo sapiens Acyl carrier protein,	1000	100.000
		Mitochondrial (ACP) (5'partial)		
4574	U20554	Drosophila melanogaster UDP-	2320	59.331
		glucose:glycoprotein glucosyltransferase		
		precursor		
4575	S45663	Rattus sp. SC2=synaptic glycoprotein	722	50.538
4576	AB025411	Mus musculus Ten-m2	4766	98.476
4577	Z46381	Unknown Weak similarity with the Ysy6 protein	550	42.157
		(Yeast) (PIR accession number JQ0912); cDNA EST		
1550		EMBL:		
4578	AF151863	Homo sapiens CGI-105 protein	187	93.333
4579	AB014564	Homo sapiens KIAA0664 protein	7558	100.000
4580	X98494	Homo sapiens M phase phosphoprotein 10	4243	98.960
4581	AL008635	Homo sapiens dJ510H16.1	844	54.412
4582	AF041206	Homo sapiens midline 1 cerebellar isoform 1	460	26.515
4583	AC006416	Arabidopsis thaliana Similar to	530	43.750
4584	AF123653	Homo sapiens FEZ1	362	41.341
4585	AF000195	Caenorhabditis elegans similar to oxysterol- binding proteins	490	42.246
4586	U93569	Homo sapiens p40	167	54.545
4587	X94313	Mus musculus p68 RNA helicase	153	95.455
4588	D87438	Homo sapiens Similar to a C.elegans protein in	5406	99.512
1300	007430	cosmid C14H10	3400	JJ.J12
4589	U61953	Caenorhabditis elegans No definition line found	764	49.798
4590	U93569	Homo sapiens p40	238	37.963
4591	270780	Unknown similar to Zinc finger, C2H2 type; cDNA	975	40.000
		EST EMBL: D27516 comes from this gene; cDNA EST		
		EMBL		
4592	AB007923	Homo sapiens KIAA0454 protein	701	91.200
4593	AC002336	Arabidopsis thaliana hypothetical protein	647	33.668
4594	AB011096	Homo sapiens KIAA0524 protein	3955	100.000
4595	AL050331	Homo sapiens dJ486I3.4 (TSPY-like (testis	750	65.269
		specific protein, Y-linked like))		
4596	AB029033	Homo sapiens KIAA1110 protein	4928	99.595
4597	AB002364	Homo sapiens KIAA0366	406	30.000
4598	AF017639	Mus musculus carboxypeptidase X2	923	90.411
4599	Y17462	Fugu rubripes cysteine conjugate beta-lyase	1613	55.904
4600	AF060173	Rattus norvegicus SV2 related protein	1828	96.140
4601	M36501	Homo sapiens alpha-2-macroglobulin	211	91.429
4602	X65964	Homo sapiens nestin	1907	95.652
4603	X03743	Homo sapiens L apoferritin (aa 126-175)	174	92.857
4604	Z69240	Schizosaccharomyces pombe putative	996	52.708
4605	U73819	amidohydrolase Mus musculus polypeptide GalNAc transferase-T4	724	30 537
4000	013013	I rus musculus polypepulue GalNAC transferase-T4	734	39.527

1000	NE107210	Home conione E how muchair Ehr C	1400	142 102
4606	AF187318	Homo sapiens F-box protein Fbx2	492	43.103
4607	AF104260 Z46786	Homo sapiens hiwi Drosophila melanogaster acetyl-CoA synthetase	1062 348	48.951
	X76092			61.446
4609	X68880	Homo sapiens DNA binding protein RFX3 Homo sapiens EMX2	1076	100.000
	AF093097			1
4611		Homo sapiens putative RNA-binding protein Q99	5782	100.000
4612	AF038960	Homo sapiens SKD1 homolog	340	97.917
4613	AB020807	Homo sapiens TLR6	1680	56.849
4614	U39546	Rattus norvegicus surface protein MCA-32	372	30.904
4615	AL031228	Homo sapiens dJ1033B10.8.1 (Ring finger protein 1 (RING1, RNF1))	1300	100.000
4616	AB015330	Homo sapiens HRIHFB2007	341	55.914
4617	U20086	Mus musculus NF2d9	297	89.796
4618	AF016417	Caenorhabditis elegans Similar to BZIP	648	42.105
		transcription factor		
4619	L12701	Homo sapiens engrailed protein	667	100.000
4620	X55885	Homo sapiens KDEL receptor	497	100.000
4621	Y08200	Homo sapiens rab geranylgeranyl transferase	169	33.803
4622	U79260	Homo sapiens unknown	191	58.730
4623	U95973	Arabidopsis thaliana endomembrane protein EMP70 precusor isolog	1683	59.698
4624	AL034433	Schizosaccharomyces pombe ubiquitin-activating enzyme el	456	48.538
4625	AL117404	Homo sapiens hypothetical protein	458	100.000
4626	L07765	Homo sapiens carboxylesterase	273	50.000
4627	AC003038	Homo sapiens R30923_1	482	98.611
4628	AJ010482	Homo sapiens Myopodin protein	1271	100.000
4629	AJ010305	Mus musculus mouse smoothelin, large isoform	834	54.751
4630	AF118637	Homo sapiens feline leukemia virus subgroup C receptor FLVCR	446	28.342
4631	AB029023	Homo sapiens KIAA1100 protein	1059	72.093
4632	AB014568	Homo sapiens KIAA0668 protein	4888	99.865
4633	X92857	Homo sapiens NFI /CAAT-binding transcription factor 5 (CTF5)	1014	100.000
4634	U13875	Caenorhabditis elegans No definition line found	485	43.367
4635	U34925	Drosophila melanogaster TH1	220	52.727
4636	AF031897	Meleagris gallopavo G protein coupled P2Y	563	35.632
1.000	111001037	nucleotide receptor	303	33.032
4637	L22005	Homo sapiens ubiquitin conjugating enzyme	2038	99.664
4638	AF145615	Drosophila melanogaster BcDNA.GH03377	221	33.333
4639	Z49909	Caenorhabditis elegans weak similarity with a	628	36.508
		B. Flavum translocation protein (Swiss Prot accession number P38376); cDNA EST yk220e10.5 comes from this gene; cDNA EST yk549e12.3 comes from this gene; cDNA EST yk618d6.3 comes from this gene		
4640	AF078850	Homo sapiens steroid dehydrogenase homolog	1175	98.925
4641	D88153	Homo sapiens HYA22	1155	71.429
4642	AF155739	Mus musculus axotrophin	1761	90.203
4643	AF079527	Mus musculus IER5	450	78.261
4644	AF080217	Sinorhizobium meliloti acetoacetyl-CoA synthetase; acetoacetyl-CoA ligase; acyl-activating enzyme	883	47.826
4645	X04823	Bos taurus cGMP phosphodiesterase (AA 1-87)	275	88.889
4646	Z95 559	Caenorhabditis elegans cDNA EST yk236d4.5 comes from this gene; cDNA EST EMBL:C13455 comes from this gene; cDNA EST yk329g6.5 comes from this gene; cDNA EST CEMSH45R comes from this gene	648	56.497
4647	X80169	Mus musculus tsg24	3148	92.032

4648	X92750	Mus musculus red-1	1174	98.352
4649	J02459		856	96.332
4649	U06631	bacteriophage lambda ea22 (182) Homo sapiens homologous to mouse gene	400	64.583
4650	006631	PC326:GenBank Accession Number M95564	400	04.565
4651	L36340	Xenopus laevis importin alpha 1b	194	57.692
4652	AF135027	Homo sapiens OB binding protein-like protein	2931	89.655
4653	U22818	Cricetulus griseus mutant sterol regulatory	469	63.636
4653	022010	element binding protein-2	409	63.636
4654	AB028981	Homo sapiens KIAA1058 protein	10125	100.000
4655	AL049996	Homo sapiens hypothetical protein	51	36.364
4656	D86979	Homo sapiens KIAA0226	1103	55.172
4657	U28789	Mus musculus PACT	2740	78.743
4658	X97674	Homo sapiens transcriptional intermediary	8231	100.000
1 4030	AJIOIA	factor 2	0231	100.000
4659	A58799	unidentified unnamed protein product	407	94.444
4660	AF072506	Homo sapiens envelope protein precursor	373	75.949
4661	X98374	Rattus norvegicus KIS	314	100.000
4662	Z71259	Caenorhabditis elegans Weak similarity to Yeast	365	42.748
4002	2/1233	mitochondriual carrier protein YIL006W	303	42.740
		(SW:YIA6 YEAST); cDNA EST EMBL:C09181 comes		
		from this gene		
4663	AB028986	Homo sapiens KIAA1063 protein	811	80.000
4664	AL021748	Schizosaccharomyces pombe hypothetical protein	232	35.971
4665	AB002374	Homo sapiens KIAA0376	962	45.433
4666	AB023203	Homo sapiens KIAA0986 protein	242	100.000
4667	AJ010973	Homo sapiens DEDD protein	578	53.049
4668	AF116553	Drosophila melanogaster antennal-specific	390	32.663
1000		short-chain dehydrogenase/reductase	330	32.003
4669	X07311	Drosophila melanogaster heat shock protein	167	35.714
4670	X75042	Homo sapiens c-rel	2965	100.000
4671	X17531	Strongylocentrotus purpuratus epidermal growth	407	57.831
		factor		0,1001
4672	AB011123	Homo sapiens KIAA0551 protein	443	87.671
4673	AB020711	Homo sapiens KIAA0904 protein	312	100.000
4674	AF000234	Homo sapiens P2x purinoceptor	216	100.000
4675	Z36715	Homo sapiens Net	2006	98.101
4676	AL109819	Arabidopsis thaliana extensin-like protein	414	24.194
4677	AJ006268	Homo sapiens ATPase	811	92.308
4678	AF132180	Drosophila melanogaster unknown	940	35.849
4679	Z72511	Unknown possible zinc finger protein; cDNA EST	228	33.333
		EMBL:M89115 comes from this gene; cDNA EST		
		EMBL: D715		
4680	AC005053	Homo sapiens match to ESTs AA316181	881	49.580
		(NID:g3165221), AA032221 (NID:g1502183), and		
		AI167942 (NID:g3701112)		
4681	AE000119	Escherichia coli orf, hypothetical protein	675	100.000
4682	AB015630	Homo sapiens type II membrane protein	551	34.448
4683	AB005541	Rattus rattus PCTAIRE3	2521	91.707
4684	AF089730	Rattus norvegicus potassium channel subunit	488	94.937
4685	AB011541	Homo sapiens MEGF8	12808	99.942
4686	AF006466	Mus musculus lymphocyte specific formin related	2651	81.426
		protein		
4687	U71273	Sus scrofa glucosidase II	179	30.488
4688	D90750	Escherichia coli Hypothetical transcriptional	550	100.000
		regulator in metG-dld intergenic region.		
4689	M59742	Rattus norvegicus GABA transporter protein	2732	90.991
4690	AB014568	Homo sapiens KIAA0668 protein	511	37.838
4691	D29013	Homo sapiens DNA polymerase beta	512	33.333
4692	AB028972	Homo sapiens KIAA1049 protein	201	100.000

4695 AB000799 Methanobacterium thermoautotrophicum O-linked GloRAc transferase 250 34.88	4693	AC004685	Homo sapiens Unknown gene product	287	100.000
GLONAC transferase		AE000799		1	38.776
4696 AL031685 Homo sapiens dJ963k23.2 (novel protein) 533 41.76 4697 AL121741 Schizosaccharomyces pombe vacuolar protein 1078 35.19 4698 Y15054 Rattus norvegicus 70 kD tumor-specific antigen 591 86.73 4699 P33239 Unknown predicted using Genefinder; cDNA EST EMBL:D66680 comes from this gene; cDNA EST EMBL:D66680 comes from this gene; cDNA EST Yk212g.5 Schizosaccharomyces pombe actin-like protein; (2 actin domains) 4701 4701 Z68318 Caenorhabditis elegans Similarity to Human 194 39.21 4702 AB015339 Homo sapiens BRIHFB2255 293 65.55 4703 X63692 Homo sapiens DNA (cytosine-5-) 1422 99.51 4704 AF053130 Mus musculus unconventional myosin MY015 254 97.56 4706 X603007 Homo sapiens Unknown gene product (partial) 146.23 4707 AB014573 Homo sapiens Windown gene product (partial) 146.23 4708 Z68751 Unknown Similarity to Yeast hypothetical protein YKKO (SW:YKKO-YEAST); cDNA EST 4709 AF111168 Homo sapiens winknown 163 55.55 4710 AF146688 Fugur uniprises klaA0673 protein 2277 99.70 4711 AB006627 Homo sapiens winknown 163 55.55 4712 AL080058 Homo sapiens kina0689 protein 2277 99.71 4713 AB01772 Ciona savignyi PEM-5 301 32.57 4714 AB020676 Homo sapiens kina0689 protein 2277 99.71 4715 Z73906 Caenorhabditis elegans cDNA EST EMBL:M88866 298 30.28 4716 AF077032 Homo sapiens mutant guanine nucleotide-binding protein protein his gene 277 99.71 4717 AF064092 Homo sapiens mutant guanine nucleotide-binding protein protein protein protein 476 97.86 4718 AF030253 Homo sapiens kina063 protein 32.57 4719 X7681 Fice ables acc2Pa Fice ables acc2Pa 476.48 4721 X7681 Fice ables acc2Pa Fice ables acc2Pa 472.48 4722 AF00331 Homo sapiens kina0454 protein 329 39.39 4723 AF003384 Homo sapiens kina0454 protein 329 39.39 4724 AF003384 Homo sapiens kina06454 protein 329 39.3					
Acc. Schizosaccharomyces pombe vacuolar protein Sorting-associated p	4695	X99209	Homo sapiens arginine methyltransferase	250	34.884
Sorting-associated protein 4698 Y15054 Rattus norvegicus 70 kD tumor-specific antigen 591 86.73 44.98 293239 Unknown predicted using Genefinder; cDNA EST EMBL: D66880 comes from this gene; cDNA EST 2003 44.98 2003	4696	AL031685		533	41.765
Sorting-associated protein Sorting-associated protein R4588 Y15054 Rattus norvegicus 70 kD tumor-specific antigen S91 86.73 46.99 293239 Unknown predicted using Genefinder; cDNA EST 1063 44.98 EMBL: D68680 comes from this gene; cDNA EST Y8212g2.5 c Schizosaccharomyces pombe actin-like protein; (2 actin domains) 46.04 46.04 47.04 48.04	4697	AL121741	Schizosaccharomyces pombe vacuolar protein	1078	35.199
4699 293239					
### MBBL:D86880 comes from this gene; cDNA EST	4698	Y15054	Rattus norvegicus 70 kD tumor-specific antigen	591	86.735
Vk212g2.5 c Vc1078627 Schizosaccharomyces pombe actin-like protein; 403 46.043 4701 268318 Caenorhabditis elegans Similarity to Human Transcriptional repressor protein PRDI-BF1 (PIR Acc. No. A39564) 293 65.551 4702 AB015339 Homo sapiens HRIHBE2555 293 65.555 4703 X63692 Homo sapiens DNA (cytosine-5-) 1422 99.516 4704 AF053130 Mus musculus unconventional myosin MY015 254 97.566 4705 AF121081 Mus musculus cAMP inducible 2 protein 473 68.183 4706 AC003007 Homo sapiens Unknown gene product (partial) 1141 96.237 4707 AB014573 Homo sapiens Unknown gene product (partial) 1141 96.237 4708 AC003007 Homo sapiens KIAAO673 protein 4708 AC003007 Homo sapiens KIAAO673 Protein 4709 AF111168 Homo sapiens KIAAO673 Protein 4709 AF111168 Homo sapiens withown 163 55.551 4709 AF11168 Homo sapiens withown 163 55.551 4711 AB006627 Homo sapiens KIAAO689 4710 AF146688 Fugu rubripes kelch protein 264 31.051 4711 AB006627 Homo sapiens KIAAO689 4712 AL080058 Homo sapiens KIAAO689 4714 AB020676 Homo sapiens KIAAO689 4714 AB020676 Homo sapiens KIAAO689 Protein 2277 99.70 4713 AB0017072 Ciona savignyi FEM-5 301 32.571 4714 AF164692 Homo sapiens KIAAO689 Protein 2558 99.217 4714 AF16492 Homo sapiens KIAAO689 Protein 5568 99.217 4714 AF16492 Homo sapiens KIAAO689 Protein 476 95.891 4714 AF16492 Homo sapiens MIAA089 Protein 476 95.891 4714 AF16492 Homo sapiens Sec61 Homolog 476 95.891 4714 AF16492 Homo sapiens Sec61 Homolog 476 95.891 4714 AF16492 Homo sapiens MIAA0464 AF1649	4699	Z93239	Unknown predicted using Genefinder; cDNA EST	1063	44.986
A070					
Caetin domains Caenorhabditis elegans Similarity to Human Transcriptional repressor protein PRDT-BFI (PIR Acc. No. A39564)					
A701 Z68318	4700	AL078627		403	46.043
Transcriptional repressor protein PRDI-BF1 (PIR Acc. No. A39564) Acc. No. A39564) Acc. No. A39564) Acc. No. A39564) Acc. No. A39564) Acc. No. A39564) Acc. No. A39564) Acc. No. A39564) Acc. No. A39564) Acc. No. A39564) Acc. No. A39564) Acc. No. A39564) Acc. No. A39564) Acc. No. A39564) Acc. No. A39564) Acc. No. A39564) Acc. No. A39564) Acc. No. Acc. No. A39564) Acc. No. Acc. No					
Acc. No. A39564	4701	Z68318		194	39.216
4702 AB015339 Homo sapiens BRIHFB2255 293 65.55 4703 X63692 Homo sapiens DNA (cytosine-5-)- 1422 99.51 4704 AF053130 Mus musculus unconventional myosin MYO15 254 97.56 4705 AF121081 Mus musculus cAMP inducible 2 protein 473 68.18: 4706 AC003007 Homo sapiens Unknown gene product (partial) 1141 96.23 4707 AB014573 Homo sapiens KIAA0673 protein 8121 100.00 4708 Z68751 Unknown Similarity to Yeast hypothetical protein YKKO (SW:YKKO_YEAST); cDNA EST EMBL:C12578 comes f 662 47.22 4709 AF111168 Homo sapiens NIAA0289 8904 99.31 4710 AF146688 Fugu rubripes kelch protein 264 31.05 4711 AB00627 Homo sapiens KIAA0289 8904 99.31 4712 AL080058 Homo sapiens Mypothetical protein 2277 99.70 4713 AB020767 Homo sapiens KIAA0869 protein 5658 99.21 4714 <td< td=""><td></td><td></td><td></td><td></td><td></td></td<>					
4703 X63692 Homo sapiens DNA (cytosine-5-)- methyltransferase methyltransferase Mus musculus unconventional myosin MY015 254 97.56; 4704 AF053130 Mus musculus cAMP inducible 2 protein 473 68.18; 4706 AC003007 Homo sapiens Unknown gene product (partial) 1141 96.23; 4707 AB014573 Homo sapiens KIAA0673 protein 8121 100.00; 4708 268751 Unknown Similarity to Yeast hypothetical protein YKKO (SW:YKKO YEAST); cDNA EST EMBL:C12578 comes f 4709 AF111168 Homo sapiens unknown 163 55.55; 4711 AB006627 Homo sapiens unknown 264 31.05; 4711 AB006627 Homo sapiens KIAA0289 8904 99.31; 4712 AL080058 Homo sapiens kIAA0289 8904 99.31; 4713 AB001772 Ciona savignyi PEM-5 301 32.57; 4714 AB020676 Homo sapiens KIAA0869 protein 5658 99.21; 4715 273906 Caenorhabditis elegans cDNA EST EMBL:M88866 298 30.29; 4717 AF064092 Homo sapiens sec61 homolog 476 95.89; 4719 4764092 Homo sapiens mutant guanine nucleotide-binding protein G(s), alpha subunit 4718 AF030253 Rattus norvegicus vesicular GABA transporter 398 99.30; 4719 4730309 Gallus gallus rhoGap protein 475 48.23; 4722 4722 4724 AB007923 Homo sapiens dJ48613.4 (TSPY-like (testis specific protein, Y-linked like)) 4728 AF03031 Homo sapiens KIAA0454 protein 2255 89.44; 4724 AB007923 Homo sapiens KIAA0454 protein 2255 89.39; 4725 480900 Homo sapiens KIAA0454 protein 2255 89.39; 4725 480900 Homo sapiens ARA0454 protein 2255 89.39; 4726 AG0344 Homo sapiens BAA0454 protein 2255 89.39; 4726 AG0344 Homo sapiens BAA0454 protein 2255 89.39; 4728 AF003384 Homo sapiens BAA0454 protein 2255 89.39; 4726 AG04740 Hydra sp. mini-collagen 124 53.33; 4727 AL035424 Homo sapiens GA22D12.1 (novel protein similar to Drosophila Kelch (Ring Canal protein, KEL) and a heterogenous set of other types of proteins 4729 U43317 Mus musculus transmembrane receptor 1					
methyltransferase					65.556
4704 AF053130 Mus musculus unconventional myosin MYO15 254 97.56 4705 AF121081 Mus musculus cAMP inducible 2 protein 473 68.18 4706 AC003007 Homo sapiens Unknown gene product (partial) 1141 96.23 4707 AB014573 Homo sapiens KIAA0673 protein 8121 100.00 4708 Z68751 Unknown Similarity to Yeast hypothetical protein YKKO (SW: YKKO YEAST); cDNA EST EMBL:C12578 comes f 662 47.22 4709 AF111168 Homo sapiens unknown 163 55.55 4710 AF146688 Fugu rubripes kelch protein 264 31.05 4711 AB006627 Homo sapiens KIAA0289 8904 99.31 4712 AL080058 Homo sapiens kIAA0289 8904 99.31 4712 AL080058 Homo sapiens KIAA0869 protein 2277 99.70 4713 AB020676 Homo sapiens KIAA0869 protein 298 30.29 4715 273906 Caenorhabditis elegans cDNA EST EMBL:M88866 298 30.29 4715 AF064092 <td>4703</td> <td>X63692</td> <td></td> <td>1422</td> <td>99.510</td>	4703	X63692		1422	99.510
4705 AF121081 Mus musculus cAMP inducible 2 protein 473 68.18: 4706 AC003007 Homo sapiens Unknown gene product (partial) 1141 96.23 4707 AB014573 Homo sapiens KIAA0673 protein 8121 100.01 4708 Z68751 Unknown Similarity to Yeast hypothetical protein YKKO (SW:YKKO YEAST); cDNA EST EMBL:C12578 comes f 662 47.22 4709 AF111168 Homo sapiens unknown 163 55.55 4710 AF146688 Fugu rubripes kelch protein 264 31.05 4711 AB006627 Homo sapiens KIAA0289 8904 99.31 4712 AL080058 Homo sapiens KIAA0289 301 32.57 4714 AB020676 Homo sapiens KIAA0869 protein 5658 99.21 4715 273906 Caenorhabditis elegans cDNA EST EMBL:M88866 298 30.296 4716 AF077032 Homo sapiens sec61 homolog 476 95.891 4717 AF064092 Homo sapiens subunit 158 100.00 4718 AF030253 Rattus					
4706 AC003007 Homo sapiens Unknown gene product (partial) 1141 96.23 4707 AB014573 Homo sapiens KIAA0673 protein 8121 100.00 4708 Z68751 Unknown Similarity to Yeast hypothetical protein YKK0 (SW:YKK0_YEAST); cDNA EST EMBL:C12578 comes f 47.22 4709 AF111168 Homo sapiens unknown 163 55.55 4710 AF146688 Fugu rubripes kelch protein 264 31.05 4711 AB06627 Homo sapiens KIAA0289 8904 99.31 4712 AL080058 Homo sapiens kIAA0869 protein 2277 99.70 4713 AB001772 Ciona savignyi PEM-5 301 32.57 4714 AB020676 Homo sapiens KIAA0869 protein 5658 99.21 4715 273906 Caenorhabditis elegans cDNA EST EMBL:M88866 298 30.296 4717 AF064092 Homo sapiens sec61 homolog 476 95.89 4719 U36309 Galtus gallus rhogap protein 877 48.23 4721 X77681 Homo sapiens d/A8613.4 (TSPY-like (t					97.561
4707 AB014573 Homo sapiens KIAA0673 protein 8121 100.00					68.182
4708 Z68751					96.237
### Protein YKKO (SW:YKKO YEAST); CDNA EST EMBL:C12578 comes f ### AF111168 Homo sapiens unknown					100.000
### EMBL:C12578 comes f ### C170578 comes	4708	Z68751		662	47.222
4709 AF111168 Homo sapiens unknown 163 55.55 4710 AF146688 Fugu rubripes kelch protein 264 31.05 4711 AB006627 Homo sapiens KIAA0289 8904 99.31 4712 AL080058 Homo sapiens hypothetical protein 2277 99.70 4713 AB001772 Ciona savignyi PEM-5 301 32.57 4714 AB020676 Homo sapiens KIAA0869 protein 5658 99.21 4715 Z73906 Caenorhabditis elegans cDNA EST EMBL:M88866 298 30.290 4716 AF077032 Homo sapiens swtant guanine nucleotide-binding protein G(s), alpha subunit 158 100.00 4717 AF064092 Homo sapiens mutant guanine nucleotide-binding protein G(s), alpha subunit 158 100.00 4718 AF030253 Rattus norvegicus vesicular GABA transporter 398 98.30 4719 U36309 Gallus gallus rhoGap protein 877 48.23 4720 AL050331 Homo sapiens dJ48613.4 (TSPY-like (testis specific protein, Y-linked like)) 125 45.45					
4710 AF146688 Fugu rubripes kelch protein 264 31.056 4711 AB006627 Homo sapiens KIAA0289 8904 99.31 4712 AL080058 Homo sapiens hypothetical protein 2277 99.70 4713 AB001772 Ciona savignyi PEM-5 301 32.57 4714 AB020676 Homo sapiens KIAA0869 protein 5658 99.21 4715 Z73906 Caenorhabditis elegans cDNA EST EMBL:M88866 298 30.29 4716 AF077032 Homo sapiens sec61 homolog 476 95.89 4717 AF064092 Homo sapiens mutant guanine nucleotide-binding protein G(s), alpha subunit 158 100.0 4718 AF030253 Rattus norvegicus vesicular GABA transporter 398 98.30 4719 U36309 Gallus gallus rhoGap protein 877 48.23 4720 AL050331 Homo sapiens dJ48613.4 (TSPY-like (testis specific protein, Y-linked like)) 125 45.45 4721 X77681 Picea abies cdc2Pa 125 45.45 4722 U66411					
4711 AB006627 Homo sapiens KIAA0289 8904 99.31 4712 AL080058 Homo sapiens hypothetical protein 2277 99.70 4713 AB001772 Ciona savignyi PEM-5 301 32.57 4714 AB020676 Homo sapiens KIAA0869 protein 5658 99.21 4715 Z73906 Caenorhabditis elegans cDNA EST EMBL:M88866 298 30.296 comes from this gene 298 30.296 4716 AF077032 Homo sapiens mutant guanine nucleotide-binding protein G(s), alpha subunit 158 100.00 4718 AF030253 Rattus norvegicus vesicular GABA transporter 398 98.30 4719 U36309 Gallus gallus rhoGap protein 877 48.23 4720 AL050331 Homo sapiens dJ48613.4 (TSPY-like (testis specific protein, Y-linked like)) 1554 99.55 4721 X77681 Picea abies cdc2Pa 125 45.45 4722 U66411 Drosophila melanogaster putative type III 294 54.87 4723 L07063 Mus musculus FKBP65 binding prot					
4712 AL080058 Homo sapiens hypothetical protein 2277 99.70 4713 AB001772 Ciona savignyi PEM-5 301 32.57 4714 AB020676 Homo sapiens KIAA0869 protein 5658 99.21 4715 Z73906 Caenorhabditis elegans cDNA EST EMBL:M88866 298 30.296 4716 AF077032 Homo sapiens sec61 homolog 476 95.896 4717 AF064092 Homo sapiens mutant guanine nucleotide-binding protein G(s), alpha subunit 158 100.06 4718 AF030253 Rattus norvegicus vesicular GABA transporter 398 98.30 4719 U36309 Gallus gallus rhoGap protein 877 48.23 4720 AL050331 Homo sapiens dJ48613.4 (TSPY-like (testis specific protein, Y-linked like)) 1554 99.55 4721 X77681 Picea abies cdc2Pa 125 45.45 4722 U66411 Drosophila melanogaster putative type III 294 54.87 4723 L07063 Mus musculus FKBP65 binding protein 2255 89.44 4725					31.056
4713 AB001772 Ciona savignyi PEM-5 301 32.576 4714 AB020676 Homo sapiens KIAA0869 protein 5658 99.21 4715 Z73906 Caenorhabditis elegans cDNA EST EMBL:M88866 298 30.296 4716 AF077032 Homo sapiens sec61 homolog 476 95.896 4717 AF064092 Homo sapiens mutant guanine nucleotide-binding protein G(s), alpha subunit 158 100.06 4718 AF030253 Rattus norvegicus vesicular GABA transporter 398 98.30 4719 U36309 Gallus gallus rhoGap protein 877 48.23 4720 AL050331 Homo sapiens dJ48613.4 (TSPY-like (testis specific protein, Y-linked like)) 1554 99.556 4721 X77681 Picea abies cdc2Pa 125 45.457 4722 U66411 Drosophila melanogaster putative type III 294 54.876 4723 L07063 Mus musculus FKBP65 binding protein 2255 89.446 4724 AB007923 Homo sapiens KIAA0454 protein 292 33.796 4725					99.313
4714 AB020676 Homo sapiens KIAA0869 protein 5658 99.21 4715 273906 Caenorhabditis elegans cDNA EST EMBL:M88866 298 30.296 4716 AF077032 Homo sapiens sec61 homolog 476 95.894 4717 AF064092 Homo sapiens mutant guanine nucleotide-binding protein G(s), alpha subunit 158 100.00 4718 AF030253 Rattus norvegicus vesicular GABA transporter 398 98.30 4719 U36309 Gallus gallus rhoGap protein 877 48.23 4720 AL050331 Homo sapiens dJ486I3.4 (TSPY-like (testis specific protein, Y-linked like)) 1554 99.556 4721 X77681 Picea abies cdc2Pa 125 45.451 4722 U66411 Drosophila melanogaster putative type III 294 54.876 4723 L07063 Mus musculus FKBP65 binding protein 2255 89.444 4724 AB007923 Homo sapiens KIAA0454 protein 292 33.796 4725 X61047 Hydra sp. mini-collagen 124 53.33 4727					99.701
4715 273906 Caenorhabditis elegans cDNA EST EMBL:M88866 comes from this gene 298 30.296 comes from this gene 4716 AF077032 Homo sapiens sec61 homolog 476 95.896 4717 AF064092 Homo sapiens mutant guanine nucleotide-binding protein G(s), alpha subunit 158 100.06 4718 AF030253 Rattus norvegicus vesicular GABA transporter 398 98.303 4719 U36309 Gallus gallus rhoGap protein 877 48.233 4720 AL050331 Homo sapiens dJ486I3.4 (TSPY-like (testis specific protein, Y-linked like)) 1554 99.556 4721 X77681 Picea abies cdc2Pa 125 45.457 4722 U66411 Drosophila melanogaster putative type III 294 54.876 4723 L07063 Mus musculus FKBP65 binding protein 2255 89.446 4724 AB007923 Homo sapiens HAA0454 protein 292 33.796 4725 X69090 Homo sapiens dA22D12.1 (novel protein similar to Drosophila Kelch (Ring Canal protein, KEL) and a heterogenous set of other types of proteins) 3848 100.06 4728 </td <td></td> <td></td> <td></td> <td></td> <td>32.576</td>					32.576
Comes from this gene 4716 AF077032 Homo sapiens sec61 homolog 476 95.890				5658	99.217
4716 AF077032 Homo sapiens sec61 homolog 476 95.896 4717 AF064092 Homo sapiens mutant guanine nucleotide-binding protein G(s), alpha subunit 158 100.00 4718 AF030253 Rattus norvegicus vesicular GABA transporter 398 98.303 4719 U36309 Gallus gallus rhoGap protein 877 48.233 4720 AL050331 Homo sapiens dJ486I3.4 (TSPY-like (testis specific protein, Y-linked like)) 1554 99.556 4721 X77681 Picea abies cdc2Pa 125 45.453 4722 U66411 Drosophila melanogaster putative type III 294 54.876 4724 AB007923 Homo sapiens KIAA0454 protein 292 33.796 4725 X69090 Homo sapiens 190kD protein 3235 99.393 4726 X61047 Hydra sp. mini-collagen 124 53.33 4727 AL035424 Homo sapiens dA22D12.1 (novel protein similar to Drosophila Kelch (Ring Canal protein, KEL) and a heterogenous set of other types of proteins) 34.986 4728 AF003384 Caenorhabditis elegans weak similarity to the pep	4715	Z73906		298	30.290
4717 AF064092 Homo sapiens mutant guanine nucleotide-binding protein G(s), alpha subunit 158 100.00 4718 AF030253 Rattus norvegicus vesicular GABA transporter 398 98.309 4719 U36309 Gallus gallus rhoGap protein 877 48.239 4720 AL050331 Homo sapiens dJ486I3.4 (TSFY-like (testis specific protein, Y-linked like)) 1554 99.556 4721 X77681 Picea abies cdc2Pa 125 45.459 4722 U66411 Drosophila melanogaster putative type III alcohol dehydrogenase 294 54.876 4723 L07063 Mus musculus FKBP65 binding protein 2255 89.444 4724 AB007923 Homo sapiens KIAA0454 protein 292 33.796 4725 X69090 Homo sapiens dA22D12.1 (novel protein similar to Drosophila Kelch (Ring Canal protein, KEL) and a heterogenous set of other types of proteins) 3848 100.00 4728 AF003384 Caenorhabditis elegans weak similarity to the peptidase family A2 713 34.986 4729 U43317 Mus musculus transmembrane receptor 1084 99.402 4730 AC002400 Homo sapiens Gene product with similarity to					
Protein G(s), alpha subunit					95.890
4718 AF030253 Rattus norvegicus vesicular GABA transporter 398 98.303 4719 U36309 Gallus gallus rhoGap protein 877 48.233 4720 AL050331 Homo sapiens dJ486I3.4 (TSPY-like (testis specific protein, Y-linked like)) 1554 99.556 4721 X77681 Picea abies cdc2Pa 125 45.455 4722 U66411 Drosophila melanogaster putative type III 294 54.876 4723 L07063 Mus musculus FKBP65 binding protein 2255 89.446 4724 AB007923 Homo sapiens KIAA0454 protein 292 33.796 4725 X69090 Homo sapiens 190kD protein 3235 99.393 4726 X61047 Hydra sp. mini-collagen 124 53.333 4727 AL035424 Homo sapiens dA22D12.1 (novel protein similar to Drosophila Kelch (Ring Canal protein, KEL) and a heterogenous set of other types of proteins) 3848 100.00 4728 AF003384 Caenorhabditis elegans weak similarity to the peptidase family A2 713 34.986 4729 U43317 Mus musculus transmembrane re	4717	AF064092		158	100.000
4719 U36309 Gallus gallus rhoGap protein 877 48.23 4720 AL050331 Homo sapiens dJ486I3.4 (TSPY-like (testis specific protein, Y-linked like)) 1554 99.556 4721 X77681 Picea abies cdc2Pa 125 45.45 4722 U66411 Drosophila melanogaster putative type III alcohol dehydrogenase 294 54.876 4723 L07063 Mus musculus FKBP65 binding protein 2255 89.446 4724 AB007923 Homo sapiens KIAA0454 protein 292 33.796 4725 X69090 Homo sapiens 190kD protein 3235 99.393 4726 X61047 Hydra sp. mini-collagen 124 53.333 4727 AL035424 Homo sapiens dA22D12.1 (novel protein similar to Drosophila Kelch (Ring Canal protein, KEL) and a heterogenous set of other types of proteins) 3848 100.00 4728 AF003384 Caenorhabditis elegans weak similarity to the peptidase family A2 713 34.988 4729 U43317 Mus musculus transmembrane receptor 1084 99.402 4730 AC002400 Homo sapiens Gene product with similarity to 1378 90.870					
4720 AL050331 Homo sapiens dJ486I3.4 (TSPY-like (testis specific protein, Y-linked like)) 1554 99.556 4721 X77681 Picea abies cdc2Pa 125 45.45.45 4722 U66411 Drosophila melanogaster putative type III 294 54.876 alcohol dehydrogenase 4723 L07063 Mus musculus FKBP65 binding protein 2255 89.446 4724 AB007923 Homo sapiens KIAA0454 protein 292 33.796 4725 X69090 Homo sapiens 190kD protein 3235 99.393 4726 X61047 Hydra sp. mini-collagen 124 53.333 4727 AL035424 Homo sapiens dA22D12.1 (novel protein similar to Drosophila Kelch (Ring Canal protein, KEL) and a heterogenous set of other types of proteins) 3848 100.00 4728 AF003384 Caenorhabditis elegans weak similarity to the peptidase family A2 713 34.986 4729 U43317 Mus musculus transmembrane receptor 1084 99.403 4730 AC002400 Homo sapiens Gene product with similarity to 1378 90.870					98.305
4721 X77681 Picea abies cdc2Pa 125 45.45. 4722 U66411 Drosophila melanogaster putative type III alcohol dehydrogenase 294 54.878 4723 L07063 Mus musculus FKBP65 binding protein 2255 89.448 4724 AB007923 Homo sapiens KIAA0454 protein 292 33.790 4725 X69090 Homo sapiens 190kD protein 3235 99.393 4726 X61047 Hydra sp. mini-collagen 124 53.333 4727 AL035424 Homo sapiens dA22D12.1 (novel protein similar to Drosophila Kelch (Ring Canal protein, KEL) and a heterogenous set of other types of proteins) 3848 100.00 4728 AF003384 Caenorhabditis elegans weak similarity to the peptidase family A2 713 34.988 4729 U43317 Mus musculus transmembrane receptor 1084 99.403 4730 AC002400 Homo sapiens Gene product with similarity to 1378 90.876					48.235
4721 X77681 Picea abies cdc2Pa 125 45.45 4722 U66411 Drosophila melanogaster putative type III 294 54.878 4723 L07063 Mus musculus FKBP65 binding protein 2255 89.444 4724 AB007923 Homo sapiens KIAA0454 protein 292 33.790 4725 X69090 Homo sapiens 190kD protein 3235 99.393 4726 X61047 Hydra sp. mini-collagen 124 53.333 4727 AL035424 Homo sapiens dA22D12.1 (novel protein similar to Drosophila Kelch (Ring Canal protein, KEL) and a heterogenous set of other types of proteins) 3848 100.00 4728 AF003384 Caenorhabditis elegans weak similarity to the peptidase family A2 713 34.988 4729 U43317 Mus musculus transmembrane receptor 1084 99.403 4730 AC002400 Homo sapiens Gene product with similarity to 1378 90.870	4720	AL050331		1554	99.556
4722 U66411 Drosophila melanogaster putative type III alcohol dehydrogenase 294 54.878 4723 L07063 Mus musculus FKBP65 binding protein 2255 89.444 4724 AB007923 Homo sapiens KIAA0454 protein 292 33.790 4725 X69090 Homo sapiens 190kD protein 3235 99.393 4726 X61047 Hydra sp. mini-collagen 124 53.333 4727 AL035424 Homo sapiens dA22D12.1 (novel protein similar to Drosophila Kelch (Ring Canal protein, KEL) and a heterogenous set of other types of proteins) 3848 100.00 4728 AF003384 Caenorhabditis elegans weak similarity to the peptidase family A2 713 34.988 4729 U43317 Mus musculus transmembrane receptor 1084 99.403 4730 AC002400 Homo sapiens Gene product with similarity to 1378 90.870					
alcohol dehydrogenase 4723 L07063 Mus musculus FKBP65 binding protein 2255 89.444 4724 AB007923 Homo sapiens KIAA0454 protein 292 33.796 4725 X69090 Homo sapiens 190kD protein 3235 99.393 4726 X61047 Hydra sp. mini-collagen 124 53.333 4727 AL035424 Homo sapiens dA22D12.1 (novel protein similar to Drosophila Kelch (Ring Canal protein, KEL) and a heterogenous set of other types of proteins) 4728 AF003384 Caenorhabditis elegans weak similarity to the peptidase family A2 4730 AC002400 Homo sapiens Gene product with similarity to 1378 90.876 1378 90.876 1378 90.876 1378 90.876 1378 1378 90.876 1378 137					45.455
4723 L07063 Mus musculus FKBP65 binding protein 2255 89.444 4724 AB007923 Homo sapiens KIAA0454 protein 292 33.796 4725 X69090 Homo sapiens 190kD protein 3235 99.393 4726 X61047 Hydra sp. mini-collagen 124 53.333 4727 AL035424 Homo sapiens dA22D12.1 (novel protein similar to Drosophila Kelch (Ring Canal protein, KEL) and a heterogenous set of other types of proteins) 3848 100.00 4728 AF003384 Caenorhabditis elegans weak similarity to the peptidase family A2 713 34.986 4729 U43317 Mus musculus transmembrane receptor 1084 99.403 4730 AC002400 Homo sapiens Gene product with similarity to 1378 90.870	4722	U66411		294	54.878
4724 AB007923 Homo sapiens KIAA0454 protein 292 33.790 4725 X69090 Homo sapiens 190kD protein 3235 99.393 4726 X61047 Hydra sp. mini-collagen 124 53.333 4727 AL035424 Homo sapiens dA22D12.1 (novel protein similar to Drosophila Kelch (Ring Canal protein, KEL) and a heterogenous set of other types of proteins) 3848 100.00 4728 AF003384 Caenorhabditis elegans weak similarity to the peptidase family A2 713 34.988 4729 U43317 Mus musculus transmembrane receptor 1084 99.403 4730 AC002400 Homo sapiens Gene product with similarity to 1378 90.870					
4725 X69090 Homo sapiens 190kD protein 3235 99.393 4726 X61047 Hydra sp. mini-collagen 124 53.333 4727 AL035424 Homo sapiens dA22D12.1 (novel protein similar to Drosophila Kelch (Ring Canal protein, KEL) and a heterogenous set of other types of proteins) 4728 AF003384 Caenorhabditis elegans weak similarity to the peptidase family A2 4729 U43317 Mus musculus transmembrane receptor 1084 99.403 4730 AC002400 Homo sapiens Gene product with similarity to 1378 90.876					89.444
4726 X61047 Hydra sp. mini-collagen 124 53.333 4727 AL035424 Homo sapiens dA22D12.1 (novel protein similar to Drosophila Kelch (Ring Canal protein, KEL) and a heterogenous set of other types of proteins) 4728 AF003384 Caenorhabditis elegans weak similarity to the peptidase family A2 4729 U43317 Mus musculus transmembrane receptor 1084 99.403 4730 AC002400 Homo sapiens Gene product with similarity to 1378 90.876					33.790
4727 AL035424 Homo sapiens dA22D12.1 (novel protein similar to Drosophila Kelch (Ring Canal protein, KEL) and a heterogenous set of other types of proteins) 4728 AF003384 Caenorhabditis elegans weak similarity to the peptidase family A2 4729 U43317 Mus musculus transmembrane receptor 1084 99.403 4730 AC002400 Homo sapiens Gene product with similarity to 1378 90.870					
to Drosophila Kelch (Ring Canal protein, KEL) and a heterogenous set of other types of proteins) 4728 AF003384 Caenorhabditis elegans weak similarity to the peptidase family A2 4729 U43317 Mus musculus transmembrane receptor 4730 AC002400 Homo sapiens Gene product with similarity to 1378 90.870				ļ	53.333
and a heterogenous set of other types of proteins) 4728 AF003384 Caenorhabditis elegans weak similarity to the peptidase family A2 4729 U43317 Mus musculus transmembrane receptor 1084 99.403 4730 AC002400 Homo sapiens Gene product with similarity to 1378 90.870	4727	AL035424		3848	100.000
proteins) 4728 AF003384 Caenorhabditis elegans weak similarity to the peptidase family A2 4729 U43317 Mus musculus transmembrane receptor 1084 99.403 4730 AC002400 Homo sapiens Gene product with similarity to 1378 90.870					
4728 AF003384 Caenorhabditis elegans weak similarity to the peptidase family A2 4729 U43317 Mus musculus transmembrane receptor 1084 99.403 4730 AC002400 Homo sapiens Gene product with similarity to 1378 90.870					
peptidase family A2 4729 U43317 Mus musculus transmembrane receptor 1084 99.403 4730 AC002400 Homo sapiens Gene product with similarity to 1378 90.870	1700				
4729U43317Mus musculus transmembrane receptor108499.4034730AC002400Homo sapiens Gene product with similarity to137890.870	4728	AF003384		713	34.988
4730 AC002400 Homo sapiens Gene product with similarity to 1378 90.870					
Ubiquitin binding enzyme	4730	AC002400		1378	90.870
	1000			100-	
4731 L15313 Caenorhabditis elegans homology with leucine aminopeptidase; coded for by C. elegans cDNAs	4/31	L15313		1227	46.991

		CEORIO (Carparle, Z14714) and CE15D11 (Corporle)		
		CE2F12 (GenBank: Z14714) and CE15D11 (GenBank: Z14518); putative		
4732	AJ238706	Drosophila melanogaster monocarboxylate transporter 1 homologue	297	30.400
4733	AF072934	Homo sapiens translational release factor 1	1050	48.773
4734	AC005306	Homo sapiens R27216 1	1480	80.970
4735	AF113131	Homo sapiens host cell factor homolog LCP	276	80.000
4736	AB007926	Homo sapiens KIAA0457 protein	5616	99.763
4737	AC004500	Homo sapiens GDF-9	3109	100.000
4738	AF007170	Homo sapiens unknown	404	26.415
4739	X60152	Homo sapiens zinc finger 2.2	2795	100.000
4740	D25215	Homo sapiens KIAA0032	593	38.565
4741	AC005534	Homo sapiens supported by human ESTs AA412402 (NID:g2070990) NH44021 (NID:g1182549), mouse EST AA065933 (NID:g1562789), and genscan	1486	88.845
4742	Z83115	Caenorhabditis elegans predicted using Genefinder; Similarity to Human P619 protein (TR:Q15751)	212	48.387
	AF153230	Xenopus laevis allantoicase	817	56.345
4744	Y07759	Homo sapiens mysoin heavy chain 12	413	61.798
4745	М98529	Homo sapiens 21 kDa protein	418	100.000
4746	U23522	Caenorhabditis elegans No definition line found	574	31.875
4747	AF070996	Monodelphis domestica lactate dehydrogenase A	767	41.534
4748	Z25420	Gallus gallus class II INCENP protein	238	26.103
4749	AF117892	Homo sapiens aspartic-like protease	3428	99.807
4750	AL050126	Homo sapiens hypothetical protein	740	73.077
4751	Z82268	Unknown cDNA EST yk338g10.5 comes from this gene; cDNA EST EMBL:D27934 comes from this gene; cDNA E	369	32.035
4752	AL031320	Homo sapiens dJ20N2.1 (novel protein similar to yeast and bacterial cytosine deaminase)	260	97.436
4753	U34932	Rattus norvegicus Fos-related antigen	1129	82.432
4754	AF083108	Homo sapiens sirtuin type 3	2730	100.000
4755	AL049938	Homo sapiens hypothetical protein	1438	99.552
4756	AJ006470	Homo sapiens cartilage-associated protein (CASP)	1944	100.000
4757	AF000195	Caenorhabditis elegans similar to oxysterol- binding proteins	839	44.966
4758	U54638	Mus musculus rhotekin	1438	81.176
4759	Z78542	Caenorhabditis elegans similar to Mitochondrial carrier proteins; cDNA EST EMBL:T01651 comes from this gene	523	51.592
4760	X13916	Homo sapiens LDL-receptor related precursor (AA -19 to 4525)	1252	96.196
4761	AF053308	Drosophila affinis putative guanine nucleotide releasing factor	656	57.962
4762	AF167320	Mus musculus zinc finger protein ZFP113	672	67.669
4763	AF049611	Homo sapiens huntingtin interacting protein HYPE	1221	100.000
4764	AB014596	Homo sapiens KIAA0696 protein	3747	100.000
4765	AL034408	Homo sapiens dJ710L4.2 (similar to MYOTUBULARIN-RELATED PROTEIN)	1985	99.660
4766	Z46787	Caenorhabditis elegans similar to Glutaredoxin, Zinc finger, C3HC4 type (RING finger)	1209	51.582
4767	D78359	Rattus norvegicus consensus repeat domain: nt120-174; consensus repeat domain: nt262-317; consensus repeat domain: nt57-115; transmembrane domain: nt376-413	235	32.168
4768	AF083217	Homo sapiens WD repeat protein WDR3	6181	99.788

4769	X95272	Rattus norvegicus ORF	304	25.000
4770	AL096842	Homo sapiens hypothetical protein	409	95.385
4771	AF061817	Rattus norvegicus DNA-binding protein PREB	1471	92.373
4772	AL021481	Unknown similar to Phosphoglucomutase and	1138	44.089
4//2	ALOZIAOI	phosphomannomutase phosphoserine; cDNA EST	1130	44.005
		EMBL: D36168		
4773	Z92832	Caenorhabditis elegans F31D4.2	578	42.273
4774	X52022	Homo sapiens collagen type VI, alpha 3 chain	4690	99.582
4775	U70854	Caenorhabditis elegans No definition line found	985	39.231
4776	X76116	Caenorhabditis elegans carrier protein (c2)	693	50.877
4777	U06713	Rattus norvegicus SM-20	993	61.860
4778	Z46373	Saccharomyces cerevisiae orf, len: 423, CAI:	945	44.142
		0.18, 27.4% identity in 307 aa overlap with		
		S36201 S36201 hypothetical protein 1 -		
4770	546254	Rhizobium leguminosarum	200	70.732
4779	Z46354	Homo sapiens hexokinase II	593	37.917
4780	Z93239	Unknown predicted using Genefinder; cDNA EST EMBL:D68680 comes from this gene; cDNA EST	293	37.917
		yk212q2.5 c		
4781	AB023233	Homo sapiens KIAA1016 protein	4916	99.185
4782	U49954	Caenorhabditis elegans coded for by C. elegans	281	27.759
1.02		cDNA CEESG19F; short region of weak similarity		
		to Thermomonospora protein kinase (GB:U23820)		
4783	M17099	Oryctolagus cuniculus progesterone-induced	1158	91.623
		protein		
4784	AL117482	Homo sapiens hypothetical protein	2001	100.000
4785	Z29094	Caenorhabditis elegans similar to Na/Ca, K	234	33.884
		antiporter		
4786	D49473	Mus musculus truncated form of Sox17	1402	78.400
4787	L31349	Drosophila melanogaster out at first protein	644	41.228
4788	U66088	Homo sapiens sodium iodide symporter	186	33.654
4789	AL117204	Caenorhabditis elegans predicted using Genefinder; cDNA EST yk381b7.5 comes from this	325	39.344
		denerinder; CDNA EST yksolb/.5 Comes from this		
4790	AF038957	Homo sapiens translation initiation factor 4e	169	100.000
4791	AF002196	Caenorhabditis elegans No definition line found	227	38.462
4792	U21324	Caenorhabditis elegans similar to entire S.	420	50.862
		cerevisiae ABC1 protein (Swiss-Prot Acc:		
		P27697)		
4793	AL050102	Homo sapiens hypothetical protein	3182	99.798
4794	AF097887	Rattus norvegicus Chp	1135	98.810
4795	L34581	Mus musculus tyrosine phosphatase	200	33.708
4796	L15313	Caenorhabditis elegans homology with leucine	1227	46.991
		aminopeptidase; coded for by C. elegans cDNAs		
		CE2F12 (GenBank: Z14714) and CE15D11 (GenBank:		
4797	L43631	Z14518); putative Homo sapiens scaffold attachment factor B	377	44.937
4798	AF083389	Homo sapiens putative WHSC1 protein	3574	100.000
4799		Arabidopsis thaliana T13D8.31	630	36.901
4800	AJ238097	Homo sapiens Lsm5 protein	24	60.000
4801	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	363	67.568
4802	Z75552	Unknown predicted using Genefinder; Similarity	382	43.704
		to Prototheca mitochondiral ribosomjal protein		
		S11 (<u> </u>
4803	X92763	Homo sapiens tafazzins	2043	100.000
4804	275170	Saccharomyces cerevisiae ORF YOR262w	727	44.939
4805	Z48583	Unknown similar to ATPases associated with	1246	59.868
		various cellular activities (AAA); cDNA EST		
1	ſ	EMBL: Z14623	1	1

				T
4806	AF104919	Unknown Arabidopsis thaliana ABC1 protein (GB:AJ001158)	819	45.946
4807	X13320		340	98.214
	AF145649	Homo sapiens keratin	907	38.362
4808		Drosophila melanogaster BcDNA.GH08388		
4809	U58652	Oryctolagus cuniculus ubiquitin-conjugating enzyme E2-32k	1413	99.515
4810	X76013	Homo sapiens glutaminyl-tRNA synthetase	4012	100.000
4811	AF047659	Caenorhabditis elegans No definition line found	1162	46.731
4812	AL080214	Homo sapiens hypothetical protein	693	100.000
4813	AB031292		192	30.208
	AF069291	Mus musculus proteolipid protein 2 Homo sapiens hT41	925	44.970
4814	AL109832		175	32.632
		Schizosaccharomyces pombe hypothetical protein		<u> </u>
4816	AF070470	Mus musculus SPARC-related protein	1583	58.530
4817	U22376	Homo sapiens alternatively spliced product using exon 13A	402	62.245
4818	D50086	Mus musculus neuropilin	248	37.500
4819	L20319	Rattus norvegicus developmentally regulated	221	55.172
		protein		
4820	M81088	Rattus norvegicus EF-1-alpha	165	96.667
4821	U82982	Cavia porcellus GEC-3	544	47.399
4822	AF000195	Caenorhabditis elegans similar to oxysterol-	1346	47.899
		binding proteins		
4823	AC004912	Homo sapiens similar to CR16, SH3 domain	1309	99.459
		binding protein; similar to 2205340A		
		(PID:g1587070)		
4824	D87973	Mus musculus Impact	396	86.765
4825	X75756	Homo sapiens protein kinase C mu	675	99.020
4826	AF070614	Homo sapiens unknown	2568	100.000
4827	L08069	Homo sapiens DNAJ homologue-2	1329	68.613
4828	AL117525	Homo sapiens hypothetical protein	172	96.000
4829	U22376	Homo sapiens alternatively spliced product using exon 13A	425	73.626
4830	M11437	Homo sapiens kininogen	2074	100.000
4831	AB005142	Homo sapiens klotho	576	37.097
4832	Y18208	Rattus norvegicus serine-threonine specific	873	90.226
		protein phosphatase, glycogen-binding (GL)		
		subunit		
4833	U63840	Rattus norvegicus nucleoporin p54	1155	96.257
4834	AL031588	Homo sapiens dJ1163J1.2.1 (novel protein	892	97.744
		similar to C. elegans B0035.16 and bacterial		
		tRNA (5-Methylaminomethyl-2-thiouridylate)-		
		Methyltransferases) (isoform 1)		
4835	AF116509	Homo sapiens Ets transcription factor TEL-2b	2415	100.000
4836	AB011168	Homo sapiens KIAA0596 protein	8110	99.836
4837	X66357	Homo sapiens serine/threonine protein kinase	1667	99.595
4838	X86682	Mus musculus HNP36 protein	275	34.320
4839	AF055666	Mus musculus kinesin light chain 2	2075	73.884
4840	AF100657	Caenorhabditis elegans Contains similarity to	217	38.400
		Pfam domain: PF00614 (PLDc), Score=13.8, E-	ĺ	
4041	77.001.415	value=0.2, N=1	1.65.5	100-000
4841	AL031447	Homo sapiens dJ126A5.2.1 (novel protein) (isoform 1)	1670	100.000
4842	AB002319	Homo sapiens KIAA0321	10277	100.000
4843	AL096768	Homo sapiens dJ858B16.2 (novel protein similar	2108	99.670
		to hamster PSSC (Phosphatidylserine		
		Decarboxylase Proenzyme, EC 4.1.1.65)		
4844	U86074	Homo sapiens tesmin	206	54.386
4845	AB023136	Homo sapiens KIAA0919 protein	4673	100.000
4846	X87237	Homo sapiens a-glucosidase I	4405	97.869
		<u> </u>		

	T = = 0.1 C + 0.1			1 2 2 2 2
4847	AF016421	Caenorhabditis elegans Similar to	344	37.013
		nitrophenylphosphatase; coded for by C. elegans cDNA yk312h2.5; coded for by C. elegans cDNA		
		yk267e8.5; coded for by C. elegans cDNA		
		yk312h2.3		
4848	Z29121	Caenorhabditis elegans ZK757.1	734	39.858
4849	AB020702	Homo sapiens KIAA0895 protein	834	64.324
4850	U55021	Saccharomyces cerevisiae 03635p	138	33.333
4851	AB029000	Homo sapiens KIAA1077 protein	5570	99.750
4852	AB029035	Homo sapiens KIAA1112 protein	3399	95.131
4853	AF074603	Streptomyces griseus subsp. griseus NonF	265	38.571
4854	AF081249	Homo sapiens JAW1-related protein MRVIIA long	5849	99.215
1		isoform		
4855	AL031786	Schizosaccharomyces pombe hypothetical protein	209	33.628
4856	D87908	Mus musculus nuclear protein np95	512	46.286
4857	AC007178	Arabidopsis thaliana hypothetical protein	680	32.326
4858	X70804	Mus musculus rab17	304	90.000
4859	M34054	Cavia porcellus complement C3 protein (GPC3)	436	39.773
		precursor		
4860	M25579	Bos taurus adenylyl cyclase Type I	5713	91.300
4861	AL031644	Schizosaccharomyces pombe hypothetical protein	292	28.319
4862	Y17832	Human endogenous retrovirus K pol protein	175	48.000
4863	M76411	Escherichia coli cadA	590	100.000
4864	AB011177	Homo sapiens KIAA0605 protein	457	36.574
4865	AF080171	Homo sapiens zinc finger protein ZNF232	1962	100.000
4866	AL117462	Homo sapiens hypothetical protein	308	46.457
4867	X64878	Homo sapiens oxytocin receptor	902	100.000
4868	M92843	Homo sapiens zinc finger transcriptional	261	100.000
		regulator		
4869	AF059569	Homo sapiens actin binding protein MAYVEN	305	50.000
4870	AB023216	Homo sapiens KIAA0999 protein	7456	99.728
4871	AF026794	Mus musculus galectin-6	201	28.877
4872	AL117478	Homo sapiens hypothetical protein	4882	99.713
4873	J04605	Homo sapiens prolidase	301	91.837
4874	AF019236	Dictyostelium discoideum TipD	746	39.869
4875	AB001451	Homo sapiens Sck	992	100.000
4876	X85019	Homo sapiens UDP-GalNAc:polypeptide N-	902	48.029
		acetylgalactosaminyl transferase		
4877	U86074	Homo sapiens tesmin	2133	100.000
4878	D86980	Homo sapiens KIAA0227	501	45.312
4879	D86979	Homo sapiens KIAA0226	234	43.662
4880	Z92809	Caenorhabditis elegans predicted using	414	30.126
ļ		Genefinder; similar to Thrombospondin type 1		
4001	727120	domain	1556	64 756
4881	Z37139	Unknown similar to guanine nucleotide binding	1556	64.756
		protein; cDNA EST EMBL:T00917 comes from this		
4002	AF095286	gene; c	702	100 000
4882		Homo sapiens guanine deaminase GDA	793	100.000
4883	AB002331	Homo sapiens HERV-H LTR associating protein 2 Homo sapiens KIAA0333	160 6685	100.000
4885	X85545	Homo sapiens kraau333 Homo sapiens protein kinase	427	86.957
4886	AF149045	Homo sapiens protein kinase Homo sapiens Sex comb on midleg homolog 1	1784	92.568
4000	ME143043	isoform 1	1 / 0 4	32.308
4887	U13149	Pennisetum ciliare possible apospory-associated	189	45.588
100/	013143	protein	109	13.300
4888	U23172	Caenorhabditis elegans No definition line found	619	37.631
4889	AB002304	Homo sapiens KIAA0306	9825	99.724
4890	M32512	Sus scrofa Na+ ,K+ -ATPase alpha subunit	167	92.308
4891	D10923	Homo sapiens HM74	530	45.226
		1		1

4892	AL049944	Homo sapiens hypothetical protein	193	51.613
4893	AF089745	Homo sapiens FK506-binding protein	264	80.851
4894	M16538	Homo sapiens G protein beta subunit	745	91.964
4895	U00063	Caenorhabditis elegans No definition line found	140	20.792
4896	AF077831	Homo sapiens tumor-related protein	3255	100.000
4897	M16141	Gallus gallus ovoinhibitor	184	37.681
4898	Z81030	Caenorhabditis elegans similar to citrate lyase	602	54.023
		beta chain; cDNA EST yk302b4.5 comes from this	***	
		gene		
4899	J04621	Homo sapiens heparan sulfate proteoglycan core	2591	99.748
		protein		
4900	AJ003125	Homo sapiens procollagen I N-proteinase	444	33.508
4901	AF053367	Mus musculus carboxyl terminal LIM domain	433	45.578
		protein		
4902	AF002668	Homo sapiens MLD	634	72.034
4903	Z82266	Caenorhabditis elegans predicted using	959	39.118
		Genefinder; similar to WD domain, G-beta		
		repeats		
4904	M28821	Mus musculus Tcte-1 peptide	202	30.769
4905	AF076957	Homo sapiens SDP1 protein	526	98.824
4906	บ76638	Homo sapiens BRCA1-associated RING domain protein	419	40.957
4907	U22376	Homo sapiens alternatively spliced product	200	72.727
4907	022376	using exon 13A	390	12.121
4908	AF060152	Homo sapiens METH1 protein	6696	100.000
4909	AF117892	Homo sapiens aspartic-like protease	1132	47.965
4910	U32394	Mus musculus Max-interacting transcriptional	280	80.000
1310	002331	repressor	200	00.000
4911	D21205	Homo sapiens estrogen responsive finger protein	294	37.857
		(efp)		
4912	AL034381	Schizosaccharomyces pombe conserved	298	40.708
		hypothetical PFAM UPF0031 containing protein		
4913	X63692	Homo sapiens DNA (cytosine-5-)-	5745	99.880
		methyltransferase		
4914	275526	Caenorhabditis elegans Weak similarity to	692	48.485
		Staphyloccus autolysin gene (TR:G765072); cDNA		
		EST EMBL: M89336 comes from this gene; cDNA EST		
4015	7.000100	yk505d12.3 comes from this gene	504	
4915	AF000198	Caenorhabditis elegans weak similarity to HSP90	594	30.952
4916	AB020721	Homo sapiens KIAA0914 protein	666	56.716
$\overline{}$	AF083246 AF001434	Homo sapiens HSPC028	1540	100.000
4918 4919		Homo sapiens Hpast	1630	84.698
4919		Mus musculus BKLF Homo sapiens CARD4 .	956	99.242
4921	AF186469	Rattus norvegicus TM6P1	424 951	44.944
4922	AC007071	Arabidopsis thaliana hypothetical protein	221	90.385
4923	AC007071	Homo sapiens OXYSTEROL-BINDING PROTEIN; 45%	503	53.731
'''	1.0000000	similarity to P22059 (PID:g129308)	303	33.731
4924	AF067660	Mus musculus Bcl-2 homolog	407	47.368
4925	AF145204	Homo sapiens E2a-Pbxl-associated protein	1458	79.333
4926	X69089	Homo sapiens 165kD protein	815	96.875
4927	AF022080	Homo sapiens R-ras3	302	100.000
4928	AC006585	Arabidopsis thaliana hypothetical protein	212	25.108
4929	D42047	Homo sapiens The ha3662 gene product is related	2715	100.000
		to mouse glycerophosphate dehydrogenase.		
4930	AB028998	Homo sapiens KIAA1075 protein	9734	99.427
4931	AF051162	Drosophila melanogaster SLOB	443	39.574
4932	AF001533	Mus musculus mitogen-induced	497	98.750
4933	272604	Saccharomyces cerevisiae ORF YGL082w	230	27.500

4934	270780	Caenorhabditis elegans cDNA EST yk465d10.3	548	49.032
1,554	270700	comes from this gene; cDNA EST yk465d10.5 comes	1 340	49.032
		from this gene; cDNA EST yk481d9.5 comes from		İ
		this gene		
4935	AB007948	Homo sapiens KIAA0479 protein	2327	100.000
4936	AF187318	Homo sapiens F-box protein Fbx2	873	48.289
4937	Y17048	Rattus norvegicus caldendrin	1274	94.500
4938	AB020626	Homo sapiens KIAA0819 protein	349	39.583
4939	L06237	Homo sapiens microtubule-associated protein 1B	671	35.782
4940	U81491	Mus musculus polyhomeotic 2	197	44.776
4941	AF007787	Enterococcus faecalis orfC	309	44.444
4942	AF058919	Arabidopsis thaliana regions of weak similarity	267	45.556
		to 1-asparaginase		•
4943	AF051155	Rattus norvegicus G beta-like protein GBL	1280	94.388
4944	X57108	Homo sapiens cerebroside sulfate activator	338	100.000
4945	AL117589	Homo sapiens hypothetical protein	1787	100.000
4946	U22376	Homo sapiens alternatively spliced product	185	88.571
		using exon 13A		
4947	AL050157	Homo sapiens hypothetical protein	747	100.000
4948	AF090133	Rattus norvegicus lin-7-A	860	96.350
4949	U37150	Bos taurus peptide methionine sulfoxide	1402	89.238
		reductase		
4950	AF025441	Homo sapiens Opa-interacting protein OIP5	1557	100.000
4951	Z69240	Schizosaccharomyces pombe putative	996	52.708
		amidohydrolase		
4952	U21309	Caenorhabditis elegans No definition line found	307	39.157
4953	AB018188	Bos taurus myocilin	323	35.583
4954	AL035424	Homo sapiens dA22D12.1 (novel protein similar	382	66.667
		to Drosophila Kelch (Ring Canal protein, KEL)		:
		and a heterogenous set of other types of		
		proteins)		
4955	AL031261	Schizosaccharomyces pombe conserved	400	35.519
L		hypothetical protein		
4956	U55376	Caenorhabditis elegans coded for by C. elegans	515	35.350
		cDNA cm21e6; coded for by C. elegans cDNA		
		cm01e2; similar to melibiose carrier protein		
		(thiomethylgalactoside permease II)		
4957	X78933	Homo sapiens zinc finger protein	1012	74.731
4958	AF007139	Homo sapiens unknown	1597	98.780
4959	D83327	Homo sapiens DCRR1	390	23.862
4960	Z81052	Caenorhabditis elegans Similarity to Yeast	613	42.326
		ABC1P protein (SW:ABC1_YEAST); cDNA EST	İ	
		yk229g8.3 comes from this gene; cDNA EST		
10.51	77110074	yk229g8.5 comes from this gene		
4961	AF118274	Homo sapiens DNb-5	1759	100.000
4962		Homo sapiens hypothetical protein	496	48.529
4963	AL031393	Homo sapiens dJ733D15.1 (Zinc-finger protein)	3520	100.000
4964	L07780	Bos taurus UDP-GalNAc:polypeptide, N-	663	34.713
4005	7 17 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	acetylgalactosaminyltransferase	505	10 500
4965	AF155117	Homo sapiens NY-REN-62 antigen	505	49.708
4966	X80903	Mus musculus DELTA-like 1	716	40.240
4967	AB002323	Homo sapiens KIAA0325	13746	100.000
4968	AB014520	Homo sapiens KIAA0620 protein	13395	99.950
4969	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	390	71.622
4970	AF154671	Homo sapiens CRB1	9674	99.626
4971	U29096	Caenorhabditis elegans coded for by C. elegans	527	38.000
Į		cDNA yk44f2.5; similar to P59 protein (HSP		
1072	A E 1 2 E 1 0 O	binding immunophilin) and to TPR domain	201	01 667
4972	AF125188	Homo sapiens adenosine deaminase acting on tRNA	301	91.667

	·		<u> </u>	
4973	D26549	Bos taurus bovine adseverin	4422	90.795
	AJ007798		481	92.000
4974	AF068749	Homo sapiens nuclear protein SA3 Mus musculus sphingosine kinase	175	41.791
4976	AL031685	Homo sapiens dJ963K23.2 (novel protein)	1621	100.000
4976	AF187552		201	90.909
4977	U95098	Homo sapiens ezrin Xenopus laevis mitotic phosphoprotein 44	611	71.774
4978			1878	100.000
4979	X77383 Z49967	Homo sapiens cathepsin O Unknown cDNA EST EMBL: T00743 comes from this	535	32.240
		gene; cDNA EST EMBL:D69356 comes from this gene; cDNA		
4981	Z78542	Caenorhabditis elegans similar to Mitochondrial carrier proteins; cDNA EST EMBL:T01651 comes from this gene	250	54.412
4982	D87757	Mus musculus ECF-L precursor	762	68.919
4983	L20319	Rattus norvegicus developmentally regulated protein	670	83.636
4984	U49057	Rattus norvegicus rA9	1098	70.472
4985	AC007504	Arabidopsis thaliana Hypothetical Protein	1211	35.835
4986	X61047	Hydra sp. mini-collagen	197	39.759
4987	U85969	<pre>Xenopus laevis middle molecular weight neurofilament protein NF-M(1)</pre>	259	29.102
4988	AL022238	Homo sapiens dJ1042K10.4 (novel protein)	793	51.029
4989	AC006128	Homo sapiens Human homolog of Mus musculus wizS protein	382	100.000
4990	U90880	Fugu rubripes zinc finger protein	1285	75.336
4991	U23175	Caenorhabditis elegans similar to anion exchange protein	1184	46.250
4992	AL031788	Schizosaccharomyces pombe putative mitochondrial inner membrane protease subunit 2	203	55.000
4993	U96113	Homo sapiens WWP1	4692	99.853
4994	X57228	Rattus norvegicus beta COP	4867	98.830
4995	U35776	Rattus norvegicus ADP-ribosylation factor 1- directed GTPase activating protein	1453	80.505
4996	AF040944	Mus musculus P140	454	33.158
4997	AC007858	Oryza sativa Similar to gb U43629 integral membrane protein from Beta vulgaris and is a member of the sugar transporter family PF 00083. ES	677	37.243
4998	AL117654	Homo sapiens hypothetical protein	2059	100.000
	AB006629	Homo sapiens KIAA0291	6027	99.895
5000	L04673	Saccharomyces cerevisiae phosphatase	198	30.000
5001	AF047659	Caenorhabditis elegans No definition line found	291	51.020
5002	U29378	Caenorhabditis elegans No definition line found	910	53.462
5003	U23515	Caenorhabditis elegans weakly similar to gastrula zinc finger protein	375	40.000
5004	D64001	Synechocystis sp. hypothetical protein	396	39.888
5005	AL035416	Homo sapiens dJ782L23.1 (HOOK1)	475	60.294
5006	S66407	Homo sapiens receptor tyrosine kinase isoform FLT4 long, FLT41 {C-terminal}	498	100.000
5007	AB015630	Homo sapiens type II membrane protein	388	48.819
5008	Z70269	Unknown predicted using Genefinder; Similarity to Yeast hypothetical protein YHG1 (SW:YHG1 YEAST);	1526	44.857
5009	AF105228	Bos taurus tuftelin	711	94.915
5010	U23169	Caenorhabditis elegans No definition line found	329	51.923

5011	AB020637	Homo sapiens KIAA0830 protein	3451	100.000
5012	M31013	Homo sapiens nonmuscle myosin heavy chain	7708	99.840
		(NMHC)	635	100.000
5013	AF125158	Homo sapiens zinc finger DNA binding protein 99		
5014	AE001719	Thermotoga maritima NADH oxidase, putative	221	26.126
5015	U82163	Oryctolagus cuniculus No definition line found	364	53.571
5016	AB006013	Rattus norvegicus RGS8	214	49.180
5017	L26955	Streptomyces verticillus beta-hydroxylase	313	51.579
5018	AF140501	Homo sapiens RAD30B	4689	99.441
5019	X98374	Rattus norvegicus KIS	963	98.621
5020	AF172849	Homo sapiens AIM-1 protein	3564	100.000
5021	Z72795	Saccharomyces cerevisiae ORF YGR010w	655	41.538
5022	AB020682	Homo sapiens KIAA0875 protein	4162	98.885
5023	U90908	Homo sapiens unknown	352	41.007
5024	Z70034	Unknown similarity to 35.1KD hypothetical	1020	51.678
		yeast protein (Swiss Prot accession number P38805); cDNA		
5025	AB000280	Rattus norvegicus peptide/histidine transporter	3185	87.057
5026	AB029010	Homo sapiens KIAA1087 protein	6354	100.000
5027	AC005620	Homo sapiens R33590 1	2089	100.000
5028	M38222	Trypanosoma brucei procyclic acidic repetitive protein	182	88.462
5029	AB029018	Homo sapiens KIAA1095 protein	7344	99.454
5030	AB018299	Homo sapiens KIAA0756 protein	5678	99.761
5031	AB019280	Mus musculus sprouty-4	1559	95.853
5032	AB007948	Homo sapiens KIAA0479 protein	519	36.634
5033	U22376	Homo sapiens alternatively spliced product	202	69.565
		using exon 13A		
5034	U21317	Caenorhabditis elegans similar to	566	31.268
		SP:YR40 BACSU (P37512) hypothetical 78.8 kD		
		protein in TETB-EXOA intergenic region		
5035	AB018324	Homo sapiens KIAA0781 protein	4316	100.000
5036	AL031525	Schizosaccharomyces pombe ubiquitin carboxyl- terminal hydrolase	987	42.147
5037	D63477	Homo sapiens The KIAA0143 gene product is	496	62.500
		related to a putative C.elegans gene encoded on cosmid C32D5.		
5038	U50193	Caenorhabditis elegans weak similarity to	706	35.135
		SP:YAD5 CLOAB (P33746) hypothetical protein		1
		and to PIR:C48583 stress-inducible protein STI1		
5039	Z74031	Unknown Similarity to Yeast D-lactate	701	50.495
		dehydrogenase (SW:DLD1_YEAST); cDNA EST EMBL:C12235 comes fro		
5040	AB009593	Tetragenococcus halophilus xylose transporter	169	35.294
5041	U97107	Mus musculus membrane glycoprotein CIG30	651	48.901
5042	AF055084	Homo sapiens very large G-protein coupled receptor-1	689	100.000
5043	X55019	Homo sapiens acetylcholine receptor delta subunit	1138	99.408
5044	X70223	Rattus norvegicus peroxisomal membrane protein	882	76.829
5045	M29015	Mus musculus ribosomal protein L7	689	43.983
5046	Z99124	Bacillus subtilis urocanase	414	33.772
5047	AC004010	Homo sapiens similar to Leucine-rich	474	39.819
•.		transmembrane proteins; 44% similarity to U42767 (PID:g1736918)		
5048	AF087940	Homo sapiens basic helix-loop-helix	433	98.529
	1 3 3 - 3 1 0	1		

		transgription factor HAND?	1	
5049	M19441	transcription factor HAND2 Mus musculus Kruppel-related protein	767	87.500
5050	AC006017	Homo sapiens similar to ALR; similar to	2363	98.596
3030	ACOUGUIT	AAC51735 (PID:g2358287)	2303	90.596
5051	AF145613	Drosophila melanogaster BcDNA.GH03108	498	30.278
5052	AL117435	Homo sapiens hypothetical protein	681	49.315
5053	AL117578	Homo sapiens hypothetical protein	1812	100.000
5054	U22376	Homo sapiens alternatively spliced product	333	65.909
3034	022370	using exon 13A	333	03.909
5055	AJ010901	Homo sapiens MUC4	8100	99.654
5056	X14549	Chlamydomonas reinhardtii spoke protein	565	49.412
5057	AC009322	Arabidopsis thaliana Hypothetical protein	235	24.460
5058	X74798	Homo sapiens TRGV10	669	99.057
5059	Z93323	Bos taurus butyrophilin	115	31.343
5060	AC005587	Homo sapiens similar to meningioma-expressed	1868	99.612
		antigen 6 (MEA6); similar to U94780 (PID:g2231999)	1000	33.012
5061	U27486	Pseudorabies virus EPO	109	38.806
5062	AF041106	Rattus norvegicus tulip 1	729	60.571
5063	AF077032	Homo sapiens sec61 homolog	971	96.026
5064	AL117435	Homo sapiens hypothetical protein	6181	99.891
5065	U83660	Homo sapiens multidrug resistance-associated	158	66.667
		protein homolog		
5066	AF017369	Mus musculus faciogenital dysplasia protein 3	878	61.765
5067	AF005775	Homo sapiens caspase-like apoptosis regulatory protein 2	242	90.698
5068	U02098	Mus musculus Pur-alpha	209	50.769
5069	AF027826	Homo sapiens putative seven pass transmembrane	333	38.994
	<u></u>	protein		
5070	Z22181	Caenorhabditis elegans ZK632.11	299	36.527
5071	AF058445	Gallus gallus histone macroH2A1.1	193	27.326
5072	AC007228	Homo sapiens BC37295_2 (partial)	575	58.915
5073	Z12173	Homo sapiens N-acetylglucosamine-6-sulphatase	1861	100.000
5074	AL110217	Homo sapiens hypothetical protein	5031	100.000
5075	U23514	Caenorhabditis elegans similar to S.	1365	45.591
		cerevisiae SSD1 protein (SP:SSD1_YEAST,		
		P24276) and to E. coli VACB and Ribonuclease		
5076	AF167319	II genes	024	02 101
5077	AF119711	Mus musculus zinc finger protein ZFP112	834	87.121 99.703
5078		Homo sapiens cysLT1 LTD4 receptor	2233	
3078	AF143171	Mus musculus high affinity immunoglobulin gamma Fc receptor I	364	47.692
5079	U43194	Mus musculus rhophilin	214	47.297
5080	AC003003	Homo sapiens Homolog of rat B/K protein	169	50.000
3000	1.0003003	product	100	30.000
5081	AF039390	Homo sapiens vascular endothelial cell growth	1165	100.000
0001	111 00 30 30	inhibitor	1103	100.000
5082	AF027514	Homo sapiens zinc finger protein	661	100.000
5083	AL035478	Streptomyces coelicolor putative transferase	187	32.479
5084	AB014531	Homo sapiens KIAA0631 protein	348	47.664
5085	AB028980	Homo sapiens KIAA1057 protein	241	100.000
5086	AL110124	Homo sapiens hypothetical protein	285	30.622
5087	AF116910	Homo sapiens putative ribonuclease III	3237	100.000
5088	AF072758	Mus musculus fatty acid transport protein 3;	1219	87.864
5089	AC002561	FATP3 Arabidopsis thaliana hypothetical protein	271	25.123
5090	AC002361 AC005238	Homo sapiens PSGIIA-c		
5090	AL078579	Arabidopsis thaliana putative protein	235 191	30.114
5092	Z47811	Unknown similar to glycerophosphoryl diester	523	27.215 43.000
3032	74.011	Louvilowi sturtat to diffestobilosbilothi diester	1525	43.000

	1	phosphodicatoraca domain, aDNA ECE EMPL D27042		
		phosphodiesterase domain; cDNA EST EMBL:D27842 comes f		
5093	AJ242976	Homo sapiens p241 protein	2120	90.490
5094	AC004077	Arabidopsis thaliana putative end13 protein	957	56.274
5095	X14968	Homo sapiens RII-alpha subunit (AA 1-404)	623	90.741
5096	AF118562	Rattus norvegicus evectin-1	605	70.803
5097	AF096771	Homo sapiens smooth muscle/nonmuscle myosin	268	40.741
		light chain kinase		
5098	AB028955	Homo sapiens KIAA1032 protein	6551	100.000
5099	AL117537	Homo sapiens hypothetical protein	1799	100.000
5100	U95044	Homo sapiens zinc finger protein	975	76.571
5101	U14372	Rana catesbeiana myosin I alpha	183	96.552
5102	X95073	Homo sapiens Translin associated protein X	437	100.000
5103	U16800	Xenopus laevis ribonucleoprotein	510	89.157
5104	AF100421	Rattus norvegicus p80	1617	82.524
5105	Y17267	Mus musculus ubiquitin-conjugating enzyme	4532	93.690
5106	AB028949	Homo sapiens KIAA1026 protein	3428	100.000
5107	AB011126	Homo sapiens KIAA0554 protein	1560	48.527
5108	AL034491	Schizosaccharomyces pombe conserved	280	46.392
		hypothetical protein		
5109	AF061025	Homo sapiens leucine zipper-EF-hand containing	1521	98.413
5110	AF083340	transmembrane protein 1	1996	100.000
2110	Ar 083340	Homo sapiens double-stranded RNA-binding zinc finger protein JAZ	1996	100.000
5111	AF042001	Homo sapiens zinc finger protein slug	832	77.536
5112	AB008548	Mus musculus type 1 procollagen C-proteinase	1091	41.176
3112	115000340	enhancer protein	1031	41.170
5113	U70854	Caenorhabditis elegans similar to Enterococcus	865	45.070
		faecalis TRAB (GI:388268)		
5114	AB023419	Mus musculus mSox7	631	91.176
5115	Z70270	Caenorhabditis elegans predicted using	187	35.106
		Genefinder; Similarity to Mouse angiotensin II		
		receptor (SW:AG2R MOUSE)		
5116	Z83230	Caenorhabditis elegans cDNA EST yk355g3.5	210	41.096
		comes from this gene; cDNA EST yk645c2.3 comes		
5117	AL021748	from this gene Schizosaccharomyces pombe hypothetical protein	140	22.826
5118	U88308	Caenorhabditis elegans No definition line	807	60.185
3110	000300	found	007	00.103
5119	AF149413	Arabidopsis thaliana contains similarity to	234	58.730
0.2.2.5		histone deacetylases; Pfam PF00850,	23.	301/30
1		Score=13.3, E=5e-10, N=1		
5120	Z99129	Homo sapiens dJ425C14.2 (Placental protein	2021	100.000
		DIFF33 LIKE)		
5121	U66496	Homo sapiens leptin receptor	233	82.051
5122	L37380	Rattus norvegicus apical endosomal	860	72.626
		glycoprotein		
5123	X74946	Gallus gallus alpha-N-acetylgalactosaminide	1329	67.153
F104	77011526	alpha-2,6-sialyltransferase	0420	20 007
5124	AB011536	Homo sapiens MEGF2	9438	99.927
5125	U22376	Homo sapiens alternatively spliced product using exon 13A	428	70.103
5126	L07045	Strongylocentrotus purpuratus fibropellin c	1007	45.455
5127	AB014531	Homo sapiens KIAA0631 protein	4250	99.842
5128	AL050100	Homo sapiens hypothetical protein	1137	100.000
5129	AC004770	Homo sapiens BC269730 2	3002	99.765
5130	AF097518	Homo sapiens liver-specific transporter	927	100.000
5131	AB007876	Homo sapiens KIAAO416	318	28.497
5132	AF069442	Arabidopsis thaliana putative	161	30.973

		ribonucleoprotein		
5133	บ78978	Homo sapiens putative ATPase	2177	97.626
5134	Z46241	Unknown carboxyl terminus of the predicted	475	43.716
		protein shows similarity to chimaerin; cDNA EST EMBL: Z14		
5135	AL117444	Homo sapiens hypothetical protein	2760	100.000
5136	AB014532	Homo sapiens KIAA0632 protein	4861	100.000
5137	AC002398	Homo sapiens F25965_1	702	96.117
5138	AF152361	Drosophila melanogaster Kua protein	909	64.706
5139	AB021179	Homo sapiens HEXIM1 protein	365	47.586
5140	U92010	Rattus norvegicus lin-10 protein homolog	2248	96.997
5141	J04695	Mus musculus alpha-2 type IV collagen	4422	87.816
5142	AL009196	<pre>Unknown /prediction=(method:""genefinder"", version:""084""); /prediction=(method:""genscan"", ve</pre>	1136	48.092
5143	AE001394	Plasmodium falciparum predicted integral membrane protein	111	59.259
5144	AF065389	Homo sapiens tetraspan NET-4	490	47.794
5145	AB012886	Mus musculus mac25	470	37.561
5146	AJ006692	Homo sapiens ultra high sulfer keratin	756	88.776
5147	AB030502	Xenopus laevis XDRP1	174	60.345
5148	AB023143	Homo sapiens KIAA0926 protein	328	53.125
5149	X99140	Homo sapiens type II intermediate filament of hair keratin	1885	100.000
5150	AB013607	Mus musculus c29	1331	77.985
5151	AC006053	Arabidopsis thaliana putative potassium transport protein	149	36.905
5152	AF176838	Homo sapiens N-acetylglucosamine 6-0- sulfotransferase	620	100.000
5153	U14417	Homo sapiens Ral guanine nucleotide dissociation stimulator	382	34.400
5154	U55208	Homo sapiens myosin VIIa	458	71.111
5155	AF188634	Drosophila melanogaster F protein	766	51.373
5156	270203	Caenorhabditis elegans cDNA EST yk414c9.3	631	32.099
		comes from this gene; cDNA EST yk414c9.5 comes from this gene		
5157	AB021981	Homo sapiens UDP-N-acetylglucosamine transporter	292	30.396
5158	AB014527	Homo sapiens KIAA0627 protein	259	97.500
5159	AL021571	Caenorhabditis elegans predicted using Genefinder	282	48.837
5160	U10861	Rattus norvegicus calpain small subunit	220	31.897
5161	X07715	Homo sapiens protein Po (partial) (217 is 2nd base in codon)	1909	98.551
5162	X85992	Mus musculus semaphorin C	1542	80.645
5163	U00050	Caenorhabditis elegans similarity across entire gene to DNA-directed RNA polymerase	474	71.111
5164	U46569	Homo sapiens aquaporin-5	1693	99.623
5165	AF125955	Caenorhabditis elegans contains similarity to AMP-binding domains (Pfam: PF00501, Score=82.1, E=1.1e-20, n=1); similar to long-chain-fatty-acidCoA ligases	1244	43.875
5166	U41548	Caenorhabditis elegans weak similarity to hemolysins	202	48.333
5167	X69490	Homo sapiens titin	838	99.231
5168	Z80220	Unknown Similarity to yeast protein TREMBL ID E246895); cDNA EST EMBL: T00018 comes from this gene;	774	56.944
5169	AB011109	Homo sapiens KIAA0537 protein	511	42.810

5170	J04204	Bos taurus 32 kd accessory protein	962	69.951
5171	AF095193	Homo sapiens BAG-family molecular chaperone	3926	99.304
		regulator-3; BAG-3		
5172	U50927	Rattus norvegicus zinc transporter ZnT-2	1420	86.166
5173	AC004472	Homo sapiens P1.11659 5	397	54.867
5174	M62972	Drosophila melanogaster RP140-upstream	161	31.111
5175	Z71180	Caenorhabditis elegans similar to BPTI/KUNITZ	442	41.146
		inhibitor domain; cDNA EST EMBL: D68293 comes		
		from this gene; cDNA EST yk448h4.5 comes from		
		this gene; cDNA EST yk249e6.5 comes from this gene; cDNA EST yk448h4.3 comes from this gene		
5176	X53556	Bos taurus type X collagen	657	42.963
5177	AB018295	Homo sapiens KIAAO752 protein	1265	84.426
5178	AE0010233	Archaeoglobus fulgidus acetyl-CoA synthetase	563	39.919
3170	ABOOTO	(acs-2)		33.313
5179	AF097707	Bos taurus serine protease	395	80.263
5180	X68011	Homo sapiens ZNF81	1180	64.800
5181	М13536	Homo sapiens ceruloplasmin	263	100.000
5182	Z36531	Homo sapiens fibrinogen-like protein	500	38.462
5183	X59372	Homo sapiens homeobox protein	2336	98.538
5184	AF030558	Rattus norvegicus phosphatidylinositol 5-	695	85.600
		phosphate 4-kinase gamma		
5185	L27479	Homo sapiens X123	1629	97.959
5186	AC005005	Homo sapiens similar to smoothelin; similar to	3446	99.811
		PID:g4128006		
5187	AC005328	Homo sapiens R26660 1, partial CDS	521	97.436
5188	X52140	Rattus norvegicus precursor polypeptide (AA - 28 to 1152)	2566	83.084
5189	AF151977	Homo sapiens orphan neurotransmitter	996	96.667
		transporter NTT5		
5190	AL035461	Homo sapiens dJ967N21.5 (novel MCM2/3/5 family member)	2110	99.699
5191	AF064553	Mus musculus NSD1 protein	3648	80.606
5192	S67156	Homo sapiens aspartoacylase, ASP	669	44.131
5193	AJ000522	Homo sapiens axonemal dynein heavy chain	528	98.780
5194	U22376	Homo sapiens alternatively spliced product using exon 13A	199	76.190
5195	AJ010901	Homo sapiens MUC4	429	81.159
5196	AF128406	Homo sapiens prenyl-dependent prelamin A	500	52.143
		binding protein Narf		
5197	AC006014	Homo sapiens similar to KIAA0618 and nuclear	921	94.702
		envelope protein POM 121; similar to		
E100	1147024	PID:g3327050 and P52591 (PID:g1709213)	445	F0 300
5198 5199	U47924 D25215	Homo sapiens C9 Homo sapiens KIAA0032	445 597	50.382 38.813
5200	M26217	Gallus gallus prolyl 4-hydroxylase, alpha	233	30.500
		subunit (EC 1.14.11.2)		
5201	U80736	Homo sapiens CAGF9	197	78.947
5202	AC005328	Homo sapiens R26660 1, partial CDS	321	80.357
5203	Z71181	Caenorhabditis elegans similar to hydrolase	213	39.785
5204	D83777	Homo sapiens expressed ubiquitously with strong expression in brain	778	49.351
5205	AF164623	Homo sapiens trypsin-like serine protease	171	58.974
5206	AF117064	Homo sapiens transitional epithelia response protein	1016	100.000
5207	AL080318	Arabidopsis thaliana stress-induced protein	215	27.451
320,	1	stil-like protein		
5208	AB023155	Homo sapiens KIAA0938 protein	658	68.939
5209	L15313	Caenorhabditis elegans homology with leucine	1227	46.991

				
		aminopeptidase; coded for by C. elegans cDNAs		
		CE2F12 (GenBank: Z14714) and CE15D11 (GenBank:		
E010	70000011	Z14518); putative		
5210	AC006841	Arabidopsis thaliana hypothetical protein	308	24.903
5211	AF169963	Homo sapiens WNT16 protein	2594	100.000
5212	AB007877	Homo sapiens KIAA0417	173	54.167
5213	273974	Caenorhabditis elegans cDNA EST yk291f5.3	202	28.090
		comes from this gene; cDNA EST yk291f5.5 comes		
		from this gene; cDNA EST yk638b3.3 comes from		
5214	U33630	this gene	661	01.601
5214	033630	Mus musculus myeloid ecotropic viral	664	94.681
5215	X75314	integration site-1b	1.401	07 017
5216	X98625	Homo sapiens SEB4D	1491	97.817
3216	A98025	Mus musculus sialic acid-specific 9-0-	742	74.306
5217	U22376	acetylesterase	1 4 5 1	60 070
3211	022376	Homo sapiens alternatively spliced product using exon 13A	451	69.072
5218	AF101361		1771	27 021
5210	AC006539	Drosophila melanogaster Abnormal X segregation	731	37.931
5220	AF131826	Homo sapiens BC39498 3	217	100.000
5221	AJ248283	Homo sapiens Unknown	564	56.944
5221	. I	Pyrococcus abyssi hypothetical protein	163	20.747
5222	273102	Caenorhabditis elegans Similarity to	735	40.312
	İ	B.subtilis DNAJ protein (SW:DNAJ_BACSU); cDNA		
5223	12000	EST yk437al.5 comes from this gene	1.16	1
5223	K03202	Homo sapiens salivary proline-rich protein	146	50.000
5224	AF136715	precursor	1204	00.510
3224	AF136/15	Homo sapiens taxol resistant associated	394	80.519
5225	AF082556	protein	1040	70.040
3223	AF062556	Homo sapiens TRF1-interacting ankyrin-related	1843	79.940
5226	AF149046	ADP-ribose polymerase	107	61 404
3226	AF149046	Homo sapiens Sex comb on midleg homolog 1 isoform 2	427	61.404
5227	AL035601		1007	20.667
5228	AB020683	Arabidopsis thaliana putative protein	237	32.667
5229	X73113	Homo sapiens KIAA0876 protein	5650	100.000
5230	U49046	Homo sapiens fast MyBP-C	2418	99.722
5231	M20638	Mus musculus Zfp64	1027	83.237
5232	AF015043	Bos taurus phospholipase C-III	1335	54.271
5233	AF006264	Homo sapiens EH-binding protein	248	100.000
5234	AF027955	Homo sapiens hHR21spB	3712	100.000
		Mus musculus G protein-coupled receptor	910	94.203
5235	S76975	Mus sp. cerebellin 2, Cbln2	429	100.000
5236	AB023138	Homo sapiens KIAA0921 protein	9710	100.000
5237	X91856	Fugu rubripes valyl-tRNA synthetase	621	36.278
5238	D43949	Homo sapiens This gene is novel.	1073	100.000
5239	U32575	Rattus norvegicus similar to yeast Sec6p,	3968	94.255
		Swiss-Prot Accession Number P32844; similar to		
		mammalian B94, Swiss-Prot Accession Number	•	
		Q03169; Method: conceptual translation		·
5240	AC005970	supplied by author	700	67.066
3240	ACOUSSIO	Arabidopsis thaliana putative translation	700	67.066
5241	U63420	initiation factor eIF-2B, alpha subunit	7.60	C1 700
5242	AC006017	Homo sapiens Sp140 protein Homo sapiens N-	760	61.798
J242	ACOUBOT		4206	99.836
		acetylgalactosaminyltransferase; similar to		
5243	AF004161	Q10473 (PID:g1709559)	0.43	06.045
JZ43	Aruu4161	Oryctolagus cuniculus peroxisomal Ca-dependent solute carrier	841	96.947
5244	Y08026		E00	EC 000
5244		Mus musculus immune associated protein 38	590	56.000
J243	AB014540	Homo sapiens KIAA0640 protein	411	35.885

E246	Lycosooo	Home comians transcription factor TDI VM. Thou	1 2021	I 100 000
5246	AF093098	Homo sapiens transcription factor TBLYM; T-box transcription factor family member	3821	100.000
5247	X05908	Homo sapiens lipocortin (AA 1-346)	200	86.486
5247	AF163254	Homo sapiens adaptor protein DAPP1	1099	100.000
5249	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	390	71.622
5250	U97006	Caenorhabditis elegans No definition line	395	26.075
		found		
5251	Z75550	Caenorhabditis elegans Similarity with Schizosaccharomyces hypothetical gene (TREMBL ID G847708); cDNA EST EMBL:M89418 comes from this gene	179	28.814
5252	AE001727	Thermotoga maritima conserved hypothetical protein	374	35.233
5253	L07294	Homo sapiens T-cell receptor beta	1919	93.204
5254	AB014460	Homo sapiens tuberin	255	100.000
5255	AF094508	Homo sapiens dentin phosphoryn	214	22.532
5256	AL022718	Homo sapiens dJ1052M9.3 (mouse DOC4 LIKE protein)	8523	100.000
5257	Z33879	Sus scrofa G-beta like protein	1978	100.000
5258	AF060244	Mus musculus zinc finger protein 106	2094	94.969
5259	AL050331	Homo sapiens dJ486I3.2 (KIAA0721 (NAP	3136	100.000
		(Nucleosome Assembly Protein) domain containg protein))		
5260	X63436	Bos taurus poly(A) polymerase	525	93.258
5261	AB001684	Chlorella vulgaris ORF49b	77	60.000
5262	X97668	Homo sapiens XLRP3	170	96.000
5263	AL117390	Schizosaccharomyces pombe putative nuclear pore protein	254	24.194
5264	U41060	Homo sapiens LIV-1 protein	483	49.324
5265	AC002131	Arabidopsis thaliana Contains similarity to hypothetical protein C18b11.05 gb Z50728 from S. pombe. EST gb H76601 comes from this gene.	267	30.612
5266	AL032646	Caenorhabditis elegans cDNA EST yk330e11.3 comes from this gene; cDNA EST yk330e11.5 comes from this gene	561	41.294
5267	AL049474	Schizosaccharomyces pombe hypothetical protein	179	35.165
5268	X99142	Homo sapiens type II intermediate filament of hair keratin	397	100.000
5269	Z67999	Schizosaccharomyces pombe hypothetical protein	397	32.090
5270	X86019	Homo sapiens SH3-domain interacting protein	157	35.507
5271	AB013452	Homo sapiens ATPaseII	443	54.135
5272	AB023207	Homo sapiens KIAA0990 protein	663	35.621
5273	Z74866	Saccharomyces cerevisiae ORF YOL124c	671	36.420
5274	X60465	Gallus gallus delta-9 desaturase	935	69.730
5275	AF037364	Homo sapiens paraneoplastic neuronal antigen MA1	1148	54.655
5276	X66286	Gallus gallus tensin	819	71.676
5277	L16559	Caenorhabditis elegans homology with ATP- dependent RNA helicase; putative	409	38.272
5278	AF064447	Mus musculus sex-determination protein homolog Femla	1023	90.303
5279	AF096870	Homo sapiens estrogen-responsive B box protein	266	32.727
5280	AF151816	Homo sapiens CGI-58 protein	482	49.624
5281	X80343	Homo sapiens regulatory partner for cdk5 kinase	1759	100.000
5282	AC006577	Arabidopsis thaliana Contains similarity to gb U45880 X-linked inhibitor of apotosis protein from Homo sapiens and contains PF 00097 Zinc finger C3HC4 (Ring finger)	248	24.895

		domain.		
5283	U42580	Paramecium bursaria Chlorella virus 1 contains 10 ankyrin-like repeats; similar to human	360	38.217
		ankyrin, corresponds to Swiss-Prot Accession Number P16157		
5284	X13255	Homo sapiens dopamine beta-hydroxylase	972	99.281
		preprotein (AA -25 to 578)		
5285	Z99262	Schizosaccharomyces pombe threonine synthase	821	35.135
5286	U04380	Naegleria gruberi calcineurin B	223	30.882
5287	AC004475	Homo sapiens F23858 1	4072	99.671
5288	AC004890	Homo sapiens similar to zinc finger proteins; similar to BAA24380	227	53.125
5289	D31887	Homo sapiens KIAA0062	3500	99.623
5290	S79463	Mus sp. semaphorin homolog=M-Sema F	1051	95.541
5291	M57465	Neurospora crassa phytoene dehydrogenase	182	23.874
5292	AB014558	Homo sapiens KIAA0658 protein	4074	100.000
5293	AL080092	Homo sapiens hypothetical protein	922	100.000
5294	X91655	Bacillus subtilis lepA	735	54.167
5295	AF095741	Rattus norvegicus unknown	575	81.443
5296	AF053130	Mus musculus unconventional myosin MYO15	860	35.211
5297	U13019	Caenorhabditis elegans No definition line found	1315	50.272
5298	AC006978	Homo sapiens supported by human and rodent	537	78.824
		ESTs; match to AA454028 (NID:g2167697),		
		similar to AA9255224 (NID:g4236415) and		
		AA023712 (NID:g1487627)		
5299	U56965	Caenorhabditis elegans No definition line	819	39.077
5300	AE000887	found Methanobacterium thermoautotrophicum N2, N2-	323	27.554
3300	AE000007	dimethylguanosine tRNA methyltransferase	323	27.554
5301	M13212	Gallus gallus cartilage link protein	1090	60.417
5302	AF132479	Mus musculus Ese2L protein	2132	94.611
5303	AF019082	Borrelia burgdorferi virulent strain	219	24.603
0000	111 013002	associated lipoprotein	213	21.003
5304	AB014543	Homo sapiens KIAA0643 protein	1370	99.535
5305	AF081497	Homo sapiens tumor-related protein	3235	100.000
5306	AF098505	Caenorhabditis elegans similar to Arabidopsis	482	31.604
		thaliana male sterility protein 2 (SW:Q08891)		
5307	AF116865	Mus musculus hedgehog-interacting protein	4485	93.899
5308	AB014566	Homo sapiens KIAA0666 protein	3117	98.008
5309	AL034374	Homo sapiens dJ483K16.2 (novel protein)	914	100.000
5310	AJ225124	Mus musculus hyperpolarization-activated	255	84.091
		cation channel, HAC3		
5311	AF140538	Homo sapiens histamine H3 receptor	1396	98.985
5312	U17989	Homo sapiens GS2NA	1756	52.000
5313	X80930	Saccharomyces cerevisiae RHC18	687	22.506
5314	AF125102	Homo sapiens HSPC041 protein	398	82.192
5315	AC004076	Homo sapiens R30217_1	4916	100.000
5316	U22015	Mus musculus retinoid X receptor interacting protein	1343	65.257
5317	U66561	Homo sapiens kruppel-related zinc finger protein	305	30.000
5318	AB002405	Homo sapiens LAK-4p	514	38.693
5319	D14572	Mus musculus 'PEBP2b1 protein'	1230	98.889
5320	U79298	Homo sapiens unknown	396	56.881
5321	D86640	Homo sapiens stac	554	54.194
5322	AB011084	Homo sapiens KIAA0512 protein	767	45.907
5323	AC004490	Homo sapiens R29381 1	301	59.223
5324	AF036696	Caenorhabditis elegans contains similarity to	591	41.150

	T		-	
		Brassica oleracea non-green plastid		
		phosphate/triose-phosphate translocator		
5325	U02082	precursor (GB:U13632)	07.6	F 4 002
5325	002082	Homo sapiens guanine nucleotide regulatory protein	976	54.027
5326	D26018	Homo sapiens KIAA0039	3182	100.000
5327	AF077738	Mus musculus metallocarboxypeptidase CPX-1	3977	87.790
5328	AF062006	Homo sapiens orphan G protein-coupled receptor	1523	45.941
0020		HG38	1323	10.311
5329	AB007936	Homo sapiens KIAA0467 protein	636	100.000
5330	AL049689	Homo sapiens hypothetical protein	8803	100.000
5331	Z14016	Nicotiana tabacum pistil extensin like	179	33.673
		protein, partial CDS		
5332	X70804	Mus musculus rab17	271	65.714
5333	U75329	Homo sapiens serine protease	843	52.521
5334	Y18620	Arabidopsis thaliana DsPTP1 protein	316	41.791
5335	AL023854	Caenorhabditis elegans similar to Regulator of	421	35.981
		chromosome condensation (RCC1); cDNA EST yk246c2.5 comes from this gene		
5336	Z73944	Lotus japonicus RAB8A	253	34.400
5337	U04379	Mus musculus ZAP-70	3112	92.323
5338	AL110261	Homo sapiens hypothetical protein	1579	100.000
5339	AF106062	Homo sapiens Wiskott-Aldrich syndrome protein	361	47.287
	111 10000	interacting protein		17.1207
5340	U46068	Mus musculus von Ebner minor salivary gland	494	63.710
		protein		
5341	D14478	Rattus norvegicus calpain	516	80.435
5342	Z68297	Unknown Similarity to Yeast TAT-binding	330	22.820
		homolog 7 (SW:TBP7_YEAST); cDNA EST		
		EMBL: D37124 comes from		
5343	AC006014	Homo sapiens similar to RFP transforming protein; similar to P14373 (PID:g132517)	425	94.118
5344	S67247	Homo sapiens smooth muscle myosin heavy chain isoform SMemb	202	28.834
5345	Z93385	Caenorhabditis elegans predicted using	687	50.213
		Genefinder; Similarity to B.subtilis GTP-		
		binding protein (SW:P20964); cDNA EST		
5346	20125062	yk457c2.5 comes from this gene	<u> </u>	50 170
5346	AF175967	Mus musculus Leman coiled-coil protein variant	683	58.173
5347	AB029001	Homo sapiens KIAA1078 protein	990	49.858
5348	D83785	Homo sapiens expressed ubiquitously; product	450	30.812
00.10		similar to D.melanogaster mam protein.	100	30.012
5349	M37884	Homo sapiens muscle beta spectrin	404	100.000
5350	AF156884	Homo sapiens RIP-like kinase	2130	100.000
5351	AF091035	Homo sapiens GTP-binding protein RAB21	1496	100.000
5352	D10523	Homo sapiens 2-oxoglutarate dehydrogenase	1043	71.649
		precursor		
5353	AL021768	Arabidopsis thaliana ATP binding protein-like	650	58.491
5354	X16934	Homo sapiens B23 nucleophosmin (280 AA)	990	100.000
5355	U09284	Homo sapiens PINCH protein	343	86.538
5356	X96770	Saccharomyces cerevisiae P2558 protein	232	27.451
5357	D79998	Homo sapiens KIAA0176	1078	83.333
5358 5359	AL117664 Z69725	Homo sapiens hypothetical protein	215	96.774
5360	U93305	Schizosaccharomyces pombe hypothetical protein Homo sapiens triple LIM domain protein	293	35.838 65.116
5361	AC005757	Homo sapiens R32611 1	600	98.837
5362	AF159567	Homo sapiens C2H2 (Kruppel-type) zinc finger	2768	100.000
		protein		
	1	I Procorii	1	L

5363	Y08139	Rattus norvegicus dermo-1 protein	903	99.281
5364	X87852	Homo sapiens SEX protein	1126	99.821
3301		The separation of the second	0	
5365	X91619	Rattus norvegicus scal	359	39.645
5366	L42612	Homo sapiens keratin type II	981	63.052
5367	X07695	Homo sapiens cytokeratin 4 (408 AA)	2515	99.755
5368	AL031583	Unknown /prediction=(method:""genefinder"",	690	33.735
		version:""084"", score:""124.90"");		
		/prediction=(meth		
5369	AF106518	Homo sapiens sialomucin CD164	212	32.258
5370	D83596	Mus musculus unnamed protein product	2350	91.645
5371	U43194	Mus musculus rhophilin	727	67.722
5372	AB005549	Rattus norvegicus atypical PKC specific	712	81.955
		binding protein		
5373	AJ011855	Homo sapiens PAK4 protein	966	74.737
5374	U70369	Mus musculus hematopoietic-specific IL-2	757	49.282
		deubiquitinating enzyme		
5375	J05065	Bos taurus calpain II regulatory subunit (EC 3.4.22.17)	751	78.676
5376	275542	Unknown cDNA EST EMBL: D34386 comes from this	343	21.836
		gene; cDNA EST EMBL:D37434 comes from this		
		gene; cDNA		
5377	AB013607	Mus musculus c29	1351	89.916
5378	AF135440	Mus musculus huntington yeast partner C	4056	94.977
5379	AF132297	Homo sapiens cytokine-inducible SH2-containing	2466	99.723
		protein		
5380	D45913	Mus musculus leucine-rich-repeat protein	1243	95.960
5381	AL022018	Unknown /prediction=(method:""genefinder"",	1242	38.814
		version:""084"", score:""165.48"");		
		/prediction=(meth	<u> </u>	
5382	AB023207	Homo sapiens KIAA0990 protein	1092	66.977
5383	U88167	Caenorhabditis elegans No definition line	395	23.502
		found	<u> </u>	
5384	U05340	Homo sapiens p55CDC	904	92.361
5385	AF064604	Homo sapiens KE03 protein	173	96.154
5386	AF043725	Homo sapiens PHD-finger protein	5849	96.544
5387	AJ003147	Homo sapiens marenostrin	654	57.055
5388	AF124435	Danio rerio p55-related MAGUK protein DLG3	629	43.636
5389	AC003989	Homo sapiens argininosuccinate synthase	1100	100.000
		(citrulline-aspartate ligase); 84% Similarity		
F 202	77755100	to P09034 (NID:g114291)		
5390	AF155108	Homo sapiens NY-REN-41 antigen	559	77.778
5391	Z27116	Saccharomyces cerevisiae ORF YKR407	191	33.333
5392	AB018349	Homo sapiens KIAA0806 protein	1588	62.916
5393	U41534	Caenorhabditis elegans Contains similarity to	531	36.255
		Pfam domain: PF00096 (zf-C2H2), Score=17.4, E-		
5394	AF075461	value=0.11, N=3 Mus musculus ADP-ribosylation factor-directed	2124	91.916
		GTPase activating protein isoform a		
5395	AB023207	Homo sapiens KIAA0990 protein	216	42.857
5396	AF098505	Caenorhabditis elegans similar to Arabidopsis	637	34.783
		thaliana male sterility protein 2 (SW:Q08891)		
5397	AF151857	Homo sapiens CGI-99 protein	212	89.189
5398	D87077	Homo sapiens KIAA0240	6429	99.898
5399	AF153362	Dictyostelium discoideum adenylyl cyclase	417	45.890
5400	D87449	Homo sapiens Similar to a C.elegans protein encoded in cosmid C52E12 (U50135)	2444	100.000
5401	277666	Unknown cDNA EST EMBL:T01059 comes from this	502	37.500
		gene; cDNA EST EMBL:D71534 comes from this		

		gene; cDNA		
5402	AB020527	Homo sapiens Na/PO4 cotransporter homolog	306	95.833
5403	AL079314	Homo sapiens hypothetical protein, similar to	169	100.000
		(U06944) PRAJA1	ļ	
5404	AB023212	Homo sapiens KIAA0995 protein	6648	100.000
5405	U22321	Rattus norvegicus casein kinase 1 gamma 3 isoform	701	61.749
5406	AF144573	Mesocricetus auratus Mx-interacting protein kinase PKM	615	93.000
5407	AE000209	Escherichia coli orf, hypothetical protein	569	100.000
5408	AF009603	Rattus norvegicus SH3p4	223	26.829
5409	X98614	Homo sapiens cytokeratin	199	61.017
5410	M76665	Homo sapiens 11-beta-hydroxysteroid dehydrogenase	1075	100.000
5411	AF183961	Homo sapiens carbon catabolite repression 4 protein homolog	2962	99.768
5412	AB018302	Homo sapiens KIAA0759 protein	954	45.506
5413	X85237	Homo sapiens human splicing factor	4766	100.000
5414	U51032	Saccharomyces cerevisiae Ydr341cp	1366	39.226
5415	D63476	Homo sapiens The KIAA0142 gene is related to	220	100.000
		human KIAA0006 gene.		
5416	AB004538	Schizosaccharomyces pombe HYPOTHETICAL 59.2KD PROTEIN IN PFK26-SGA1 INTERGENIC REGION	157	34.483
5417	AL080159	Homo sapiens hypothetical protein	610	64.336
5418	AF141884	Homo sapiens oligophrenin-1 like protein	5117	100.000
5419	AB011370	Mus musculus Ankhzn	1396	94.836
5420	U50193	Caenorhabditis elegans ZK328.4 gene product	398	37.748
5421	AC005943	Homo sapiens methyl-CpG binding protein MBD3	1947	99.656
5422	AF132149	Drosophila melanogaster unknown	1024	60.474
5423	AL049481	Arabidopsis thaliana putative protein	497	51.948
5424	AF105365	Homo sapiens K-Cl cotransporter KCC4	1856	100.000
5425	AF033566	Mus musculus cdc2/CDC28-like protein kinase 4	1590	98.283
5426	AL031685	Homo sapiens dJ963K23.2 (novel protein)	378	30.811
5427	AF083955	Homo sapiens G protein-coupled receptor	994	100.000
5428	Y18101	Mus musculus macrophage actin-associated- tyrosine-phosphorylated protein	1327	84.211
5429	AF134149	Homo sapiens 2-pore K+ channel subunit TOSS	2053	100.000
5430	AF117888	Homo sapiens myosin-IXa	2539	100.000
5431	M55532	Rattus norvegicus carbohydrate-binding receptor	468	47.407
5432	AF031939	Mus musculus RalBP1-associated EH domain protein Reps1	1393	91.304
5433	AL021816	Schizosaccharomyces pombe SPBC24E9.03c, unknown, len:251aa	201	44.737
5434	M95046	Mycoplasma fermentans translation initiation factor IF3	427	47.917
5435	AF071777	Mus musculus IRE1	2248	85.979
5436	AF030131	Mus musculus Plenty of SH3s; POSH	178	85.714
5437	U40410	Caenorhabditis elegans C54G7.2 gene product	520	36.400
5438	AC004381	Homo sapiens SA gene	2023	60.832
5439	U78597	Plectonema boryanum kinesin light chain	526	42.793
5440	M58297	Homo sapiens zinc finger protein 42	914	51.131
5441	U80955	Caenorhabditis elegans contains a domain found in band 4.1, ezrin, moesin, radixin and talin	708	50.000
5442	AC006234	Arabidopsis thaliana hypothetical protein	269	36.607
5443	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	424	77.632
5444	AB019438	Homo sapiens immunogloblin heavy chain variable region	715	90.598
5445	U57053	Homo sapiens myosin-ID	426	74.227
5115	1 00,000	I now orbicio myosin ib	1 720	13.661

5446	AF040652	Caenorhabditis elegans Contains similarity to	311	36.957
		Pfam domain: PF00400 (G-beta), Score=62.3, E-		
		value=3.5e-15, N=3		
5447	V00638	bacteriophage lambda reading frame gam	776	99.138
5448	Z98762	Schizosaccharomyces pombe SPAC4A8.15c, cdc3;	238	37.168
		profilin, len:127aa, identical to PROF_SCHPO,		
		P39825, (127aa), similar eg. to PROF_YEAST, P0		
		7274, profilin, (126aa), fasta scores, opt: 479,		
5 1 1 2	1405007	E():0, (52.8 % identity in 127 aa overlap)	1001	100 000
5449	M85227	Escherichia coli activator protein	1001	100.000
5450	L27153	Mus musculus kinesin heavy chain	220	21.689
5451	U03416	Rattus norvegicus neuronal olfactomedin-	473	28.198
5452	L06443	related ER localized protein	906	79.375
5452	D90716	Mus musculus growth factor	1109	100.000
5454	AE000451	Escherichia coli MoaB protein. Escherichia coli putative 2-component	406	100.000
		regulator		
5455	AF039034	Caenorhabditis elegans contains similarity to G-coupled protein receptors	367	27.734
5456	AB014604	Homo sapiens KIAA0704 protein	1680	68.902
5457	AF132961	Homo sapiens CGI-27 protein	2018	100.000
5458	S63848	Bos taurus G-protein coupled receptor type B,	708	86.777
		GCR type B {clone PPR1}		
5459	AF189817	Mus musculus evectin-2	296	97.778
5460	AL022721	Homo sapiens dJ109F14.1.1 (Transcriptional	420	100.000
		Enhancer Factor TEF-5) (isoform 1)		
5461	U73960	Homo sapiens ADP-ribosylation factor-like	155	100.000
		protein 4		
5462	AB014601	Homo sapiens KIAA0701 protein	4013	99.683
5463	D37979	Rattus norvegicus AIR carboxylase-SAICAR synthetase	157	74.194
5464	AC007292	Homo sapiens R31167 1, partial protein	2907	99.302
5465	246787	Unknown similar to leucyl-tRNA synthetase;	1396	45.766
		cDNA EST EMBL:D64208 comes from this gene;		
5466	AB020672	Homo sapiens KIAA0865 protein	7122	100.000
5467	Y15521	Homo sapiens start position 1	2663	98.025
5468	AB008184	Bos taurus ganglioside sialidase	354	30.992
5469	AF144731	Rattus norvegicus putative splicing factor	3563	93.285
		YT521-B		
5470	U41548	Caenorhabditis elegans weak similarity to	291	47.475
		hemolysins		
5471	AB020715	Homo sapiens KIAA0908 protein	689	39.803
5472	A18007	Penicillium chrysogenum FacA	228	46.575
5473	AC005525	Homo sapiens F22162 1	718	87.879
5474	AL031588	Homo sapiens dJ1163J1.1 (ortholog of mouse	403	100.000
		transmembrane receptor Celsrl (KIAA0279 LIKE		
		EGF-like domain containing protein similar to		
		rat MEGF2)		
5475	AB023178	Homo sapiens KIAA0961 protein	958	83.019
5476	AF055636	Homo sapiens leucine-rich glioma-inactivated protein precursor	387	50.505
5477	AB029029	Homo sapiens KIAA1106 protein	6832	99.705
5478	U95740	Homo sapiens Unknown gene product	722	64.677
5479	AF049344	Rattus norvegicus UDP-GalNAc:polypeptide N-	2978	90.260
		acetylgalactosaminyltransferase T5		l
5480	U43959	Homo sapiens beta 4 adducin	203	100.000
5481	AF005654	Homo sapiens actin-binding double-zinc-finger	3272	99.584
		protein		

5482	AL021481	Unknown similar to Phosphoglucomutase and	1095	50.456
3402	711021401	phosphomannomutase phosphoserine; cDNA EST	1000	30.430
		EMBL: D36168	1	
5483	D10627	Mus musculus zinc finger protein	876	47.368
5484	AB014575	Homo sapiens KIAA0675 protein	664	100.000
5485	X07037	Escherichia coli ORF A	669	100.000
5486	D90728	Escherichia coli Hypothetical protein HI1265	298	100.000
5487	U70214	Escherichia coli gamma-glutamyl phosphate	998	99.367
		reductase		
5488	D90705	Escherichia coli Apolipoprotein n-	222	96.970
		acyltransferase (EC 2.3.1) (alp n-		
		acyltransferase) (copper homeostasis protein cute).		
5489	M87049	Escherichia coli guanosine pentaphosphatase	646	88.889
5490	D90811	Escherichia coli ORF ID:o320#13; similar to	761	99.130
5491	AE000451	Escherichia coli glucose-inhibited division;	735	100.000
		chromosome replication?		
5492	D90732	Escherichia coli Hypothetical protein M	571	90.722
5493	U00007	Escherichia coli yehV	555	100.000
5494	U14003	Escherichia coli ORF f254	804	100.000
5495	U00007	Escherichia coli yehP	801	100.000
5496	D90702	Escherichia coli Citrate lyase beta chain	592	92.157
		(acyl lyase subunit) (citE) homolog		
5497	D85081	Escherichia coli unnamed protein product	1101	99.398
5498	D64044	Escherichia coli YFHH-ECOLI protein similarity	573	88.679
5499	U28377	Escherichia coli ORF o183	427	78.889
5500	AE000401	Escherichia coli putative enzyme	674	99.020
5501	D90701	Escherichia coli ORF ID:0166#7	651	95.370
5502	AE000390	Escherichia coli orf, hypothetical protein	656	100.000
5503	D90715	Escherichia coli Molybdenum transport ATP-	944	98.621
		binding protein ModC.		
5504	U29579	Escherichia coli ORF o191	381	100.000
5505	D14054	Escherichia coli partial ORF	164	89.655
5506	U00006	Escherichia coli No definition line found	794	100.000
5507	X52227	Escherichia coli fhlA gene product (AA 1-692)	1486	97.107
5508	U09177	Escherichia coli hydrogenase-2 large subunit	248	100.000
5509	D28595	Escherichia coli transcriptional activator protein from homology search	650	100.000
5510	D83194	Shewanella sp. RNA polymerase alpha subunit	437	100.000
5511	M94248	Escherichia coli acriflavine resistance	265	100.000
3311	1134240	protein	203	100.000
5512	D90704	Escherichia coli ORF ID:o169#14	622	100.000
5513	M60916	Escherichia coli cytidine deaminase	615	97.895
5514	Y07802	Escherichia coli membrane protein	263	95.122
5515	AE000324	Escherichia coli orf, hypothetical protein	1012	98.026
5516	D90820	Escherichia coli Synaptic vesicle protein 2 (SV2).	459	98.649
5517	U14003	Escherichia coli soluble lytic transglycosylase	893	100.000
5518	U82664	Escherichia coli similar to human protein that	384	98.333
		oxidizes 11-cis retinol into 11-cis	30.	30.333
-		retinaldehyde		
5519	V01503	Escherichia coli mannitol permease	345	96.610
5520	AE000394	Escherichia coli orf, hypothetical protein	695	95.283
5521	M67452	Escherichia coli cadB	692	98.148
5522	D90891	Escherichia coli GLYCINE BETAINE-BINDING	365	94.643
		PERIPLASMIC PROTEIN PRECURSOR.		
5523	D90713	Escherichia coli TolR protein	539	98.837_
5524	D90789	Escherichia coli Dipeptide transport ATP-	1482	94.828

		binding protein DppD.		
5525	D90722	Escherichia coli Hypothetical protein f410	733	95.798
5526	L27665	Escherichia coli lipoate-protein ligase A	1195	92.746
5527	AE000309	Escherichia coli ferredoxin-type protein: electron transfer	697	100.000
5528	L20915	Escherichia coli alternative putative coding	405	100.000
		sequence; GTG start codon; homology to acyl CoA dehydrogenases and isovaleryl CoA dehydrogenases	:	
5529	U82664	Escherichia coli similar to H. influenzae HI1305	998	98.658
5530	D90753	Escherichia coli ORF ID:o245#1	627	100.000
5531	X01666	Escherichia coli GSH-II	1239	100.000
5532	V00279	Escherichia coli ORF 2 (AA 1-301)	1670	98.770
5533	D90827	Escherichia coli DNA-directed DNA polymerase (EC 2.7.7.7) III q chain	326	100.000
5534	U21094	Saccharomyces cerevisiae Ylr435wp	232	28.395
5535	Z70284	Caenorhabditis elegans cDNA EST EMBL:T01421 comes from this gene; cDNA EST yk413b1.5 comes from this gene	349	66.667
5536	D42054	Homo sapiens KIAA0092 gene product is distantly related to smooth muscle myosin.	234	33.621
5537	AB028968	Homo sapiens KIAA1045 protein	424	100.000
5538	AF026565	Mus musculus ring finger protein	462	32.326
5539	U90946	Dictyostelium discoideum myosin heavy chain kinase B	540	35.165
5540	AL109739	Schizosaccharomyces pombe trp-asp repeat protein	699	36.544
5541	Z69240	Schizosaccharomyces pombe putative amidohydrolase	996	52.708
5542	AL024499	Caenorhabditis elegans cDNA EST EMBL:C08541 comes from this gene; cDNA EST EMBL:C07241 comes from this gene; cDNA EST yk562a6.3 comes from this gene	718	45.374
5543	AL117483	Homo sapiens hypothetical protein	2477	100.000
5544	AF131220	Homo sapiens HEMK homolog	272	94.737
5545	AF062740	Rattus norvegicus pyruvate dehydrogenase phosphatase isoenzyme 1	1142	96.023
5546	AL110295	Schizosaccharomyces pombe conserved hypothetical protein	1198	35.494
5547	AF111168	Homo sapiens unknown	922	100.000
5548	U60269	Homo sapiens putative polymerase; orf similar to the integrase domain of Type A and Type B retroviruses and to class II HERVs	663	100.000
5549	AB020690	Homo sapiens KIAA0883 protein	258	43.396
5550	U53225	Homo sapiens sorting nexin 1	3359	99.808
5551	AF132963	Homo sapiens CGI-29 protein	1349	99.495
5552	U96963	Mus musculus p140mDia	439	30.605
5553	AC002131	Arabidopsis thaliana Similar to seryl-tRNA synthetase gb U10400 from S cerevisiae. EST gb N96627 comes from this gene.	374	49.573
5554	AF110647	Homo sapiens translocon-associated protein gamma subunit	359	98.276
5555	AF127035	Homo sapiens calcium-activated chloride channel protein 2	6038	99.782
5556	AB011102	Homo sapiens KIAA0530 protein	1010	99.424
5557	M31423	Homo sapiens cerebellar-degeneration-related antigen (CDR34)	1162	86.283

5558	X86779	Homo sapiens FAST kinase	3652	98.548
5559	U70935	Peromyscus maniculatus reverse transcriptase	319	49.153
5560	S58722	Homo sapiens X-linked retinopathy protein {C-terminal, clone XEH.8c}	183	50.000
5561	AF119231	Homo sapiens histone acetyltransferase MORF beta	1391 9	99.904
5562	X02761	Homo sapiens fibronectin precursor	1529 3	99.057
5563	AJ011679	Homo sapiens Rab6 GTPase activating protein, GAPCenA	6605	99.321
5564	Y17816	Suberites domuncula cytochrome P450	600	28.838
5565	AF117754	Homo sapiens thyroid hormone receptor-	1455	99.724
55.66	115.05.1.1	associated protein complex component TRAP240	9	
5566	M58511	Homo sapiens iron-responsive element-binding protein/iron regulatory protein 2	6263	99.481
5567	X63652	Homo sapiens inter-alpha-trypsin inhibitor heavy chain ITIH1	5534	95.425
5568	AF128406	Homo sapiens prenyl-dependent prelamin A binding protein Narf	1757	82.030
5569	D87442	Homo sapiens KIAA0253	4348	96.783
5570	AF104413	Homo sapiens large tumor suppressor 1	7569	98.060
5571	D87078	Homo sapiens similar to D.melanogaster pumilio protein (S22026): similar to human KIAA0099 protein(D43951)	5451	98.595
5572	X02661	Homo sapiens 2-5A synthetase fragment (229 aa)	769	80.537
5573	Z15005	Homo sapiens CENP-E	1639 8	99.100
5574	AF132969	Homo sapiens CGI-35 protein	1230	98.387
5575	U79260	Homo sapiens unknown	400	74.194
5576	AJ243460	Leishmania major proteophosphoglycan	222	30.502
5577	M59216	Homo sapiens gamma-aminobutyric acid receptor beta-1 subunit	3077	99.578
5578	AC006069	Arabidopsis thaliana unknown protein	334	25.829
5579	D31884	Homo sapiens KIAA0063	562	54.301
5580	AF098799	Homo sapiens RanBP7/importin 7	6699	98.460
5581	AF093250	Homo sapiens P38IP	4675	99.184
5582	AF188706	Homo sapiens g20 protein	262	35.758
5583	AB029030	Homo sapiens KIAA1107 protein	8318	99.844
5584	D87446	Homo sapiens Similar to a C.elegans protein encoded in cosmid C27F2 (U40419)	1144 8	98.672
5585	AF047663	Caenorhabditis elegans W09G12.7 gene product		29.963
5586	X52138	Homo sapiens L7a protein	1499	92.593
5587	V00488	Homo sapiens alpha globin	434	70.093
5588	AF083107	Homo sapiens sirtuin type 2	1761	82.796
5589	AF151848	Homo sapiens CGI-90 protein	1863	94.937
5590	X79440	Homo sapiens NADP+-dependent malic enzyme	3291	90.879
5591 5592	AC002398	Homo sapiens F25965 1	1075	74.477
5592	AJ011812	Homo sapiens transcription factor NRF Homo sapiens KIAA0998 protein	320	27.083
5593	AB023215 AL031588		7978	99.674
		Homo sapiens dJ1163J1.3 (novel protein similar to mouse B99)	4350	97.896
5595	AF071070	Mus musculus protein kinase Myak-L	3927	95.556
5596	X81889	Homo sapiens p0071 protein	7433	96.478
5597	AL023828	Caenorhabditis elegans cDNA EST EMBL:M89008 comes from this gene; cDNA EST yk282d3.5 comes from this gene	735	37.752
5598	D83781	Homo sapiens the KIAA0197 gene is expressed	8491	98.627
		ubiquitously.; the KIAA0197 protein has histidine acid phosphatase signature at amino		

		acid positions 1047-1061.		
5599	X99802	Homo sapiens ZYG homologue	4280	94.444
5600	AJ238248	Homo sapiens centaurin beta2	4569	94.891
5601	Y15164	Homo sapiens Cxorf5 (71-7A) protein	5882	97.544
5602	U53450	Rattus norvegicus Jun dimerization protein 1 JDP-1	257	50.000
5603	AP000060	Aeropyrum pernix 118aa long hypothetical protein	81	39.623
5604	M54788	Homo sapiens pyruvate dehydrogenase El-beta subunit	1699	91.233
5605	AL117233	Homo sapiens hypothetical protein	4241	98.268
5606	M27826	Homo sapiens neutral protease large subunit	649	74.522
5607	AB020688	Homo sapiens KIAA0881 protein	4895	76.923
5608	U38253	Rattus norvegicus initiation factor eIF-2B gamma subunit	1471	87.153
5609	AF132938	Homo sapiens CGI-03 protein	3980	98.148
5610	AF055470	Homo sapiens ZNF258	4709	98.056
5611	Z78416	Unknown predicted using Genefinder; Similarity to S.pombe RAD18 gene (TR:E198069); cDNA EST CEESX52	787	24.825
5612	U51205	Homo sapiens HCOP9	1320	90.476
5613	М99375	Borna disease virus duplicated domain within paramyxovirus and rhabdovirus polymerase	724	39.402
		proteins, complete cds., gene product	1000	
5614	AL035307	Homo sapiens hypothetical protein	1068	55.220
5615	AF056929	Homo sapiens sarcosin	3750	98.325
5616	AF159164	Homo sapiens ankyrin repeat-containing protein ASB-2	3163	96.360
5617	AL117629	Homo sapiens hypothetical protein	496	42.471
5618	X89750	Homo sapiens TGIF protein	1520	93.116
5619	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	411	41.558
5620	AB020694	Homo sapiens KIAA0887 protein	2821	99.099
5621	AC003114	Arabidopsis thaliana T12M4.6	485	30.652
5622	AB029025	Homo sapiens KIAA1102 protein	5385	98.585
5623	AL080156	Homo sapiens hypothetical protein	575	35.714
5624	AB018289	Homo sapiens KIAAO746 protein	6654	96.609
5625	D38549	Homo sapiens hal025 is new	8361	96.796
5626	L77968	Ovis aries type II small proline-rich protein	100	32.468
5627 5628	AB018276 AL031534	Homo sapiens KIAA0733 protein Schizosaccharomyces pombe putative asparagine synthase	3382 798	87.960 31.357
5629	AF131766	Homo sapiens Similar to Ena-VASP like protein	2266	98.898
5630	AL117665	Homo sapiens hypothetical protein	7681	95.211
5631	AF098066	Homo sapiens squamous cell carcinoma antigen recognized by T cell	6387	99.269
5632	AC007842	Homo sapiens BC331191 1	2054	49.922
5633	X05472	Rattus norvegicus ORF 2	159	39.394
5634	X70040	Homo sapiens tyrosine kinase	9361	99.572
5635	AC004983	Homo sapiens similar to PID:g3877944	2354	83.811
5636	Z83838	Homo sapiens GTPASE-ACTIVATING PROTEIN	1369	87.967
5637	X60036	Homo sapiens phosphate carrier protein	2195	78.431
5638	X89633	Saccharomyces cerevisiae tRNA isopentenyltransferase	710	34.813
5639	X06272	Homo sapiens docking protein	3891	97.488
5640	AJ238248	Homo sapiens centaurin beta2	4565	94.757
5641	AB007929	Homo sapiens KIAA0460 protein	6025	98.453
5642	AJ233591	Mus musculus reverse transcriptase	232	49.515
5643	Z81039	Unknown predicted using Genefinder; cDNA EST EMBL:T01209 comes from this gene; cDNA EST	258	34.706

	T	yk278a11.3	T	
5644	X89602	Homo sapiens rTSbeta	2599	94.313
5645	AL110218	Homo sapiens hypothetical protein	1038	99.249
3043	ALIIOZIO	homo saprens hypothetical protein	5	99.249
5646	234278	Homo sapiens mucin	222	24.749
5647	AL117530	Homo sapiens hypothetical protein	814	37.594
5648	AJ243797	Homo sapiens deoxyribonuclease III (DNase III)	1940	97.368
5649	AF051325	Homo sapiens SH3 domain containing adaptor	225	26.603
3043	111 03 1323	protein		20.003
5650	X73902	Homo sapiens nicein	8104	98.996
5651	AF019413	Homo sapiens complement component C4	1147	99.599
			4	
5652	X55777	Homo sapiens put. ORF	248	53.247
5653	X75888	Mus musculus cyclin E	2381	73.428
5654	AF055985	Onchocerca volvulus pyrrolidone-rich antigen	166	42.857
5655	X59512	Homo sapiens integrin alpha6 subunit	6161	94.161
5656	X78931	Homo sapiens zinc finger protein	1085	93.023
5657	AF093593	Homo sapiens snRNA activating protein complex 19kDa subunit	463	65.772
5658	X57527	Homo sapiens alpha 1(VIII) collagen	5463	98.925
5659	AF061939	Homo sapiens staufen protein	1273	46.346
5660	X61585	Bos taurus polynucleotide adenylyltransferase	4357	93.883
5661	AF083068	Homo sapiens NAD+ ADP-ribosyltransferase 2	3354	96.834
5662	X92485	Plasmodium vivax pval	329	58.889
5663	AB018308	Homo sapiens KIAA0765 protein	3935	98.658
5664	U58658	Homo sapiens unknown	267	58.537
5665	U39849	Caenorhabditis elegans similar to leucine-rich	320	37.931
	1	repeat regions of L. monocytogenes internalin		
		and S. pombe SDS22	ļ	
5666	AF151875	Homo sapiens CGI-117 protein	953	94.972
5667	U88180	Caenorhabditis elegans similar to molybdenum	239	26.033
	1	cofactor biosynthesis protein E		
5668	บ97553	murine herpesvirus 68 unknown	100	30.682
5669	M13100	Rattus norvegicus unknown protein	288	38.922
5670	L22030	Glycine max hydroxyproline-rich glycoprotein	196	34.314
5671	AB021660	Homo sapiens carbonic anhydrase VB	573	42.547
5672	AL021918	Homo sapiens b34I8.1 (Kruppel related Zinc Finger protein 184)	5228	98.936
5673	X60957	Homo sapiens receptor tyrosine kinase	7637	98.599
5674	AB020706	Homo sapiens KIAA0899 protein	5914	99.355
5675	X70764	Mus musculus serine/threonine protein kinase	683	51.149
5676	U43360	Peromyscus maniculatus reverse transcriptase	419	46.907
5677	S79410	Mus sp. nuclear localization signals (NLS)-	145	47.170
		binding protein=spot-1		
5678	U52426	Homo sapiens GOK	1892	50.635
5679	AB005618	Gallus gallus chromobox protein (CHCB2)	381	72.340
5680	AE001448	Helicobacter pylori J99 THREONINE SYNTHASE	747	34.591
5681	AB018272	Homo sapiens KIAA0729 protein	7947	99.749
5682	Y18314	Homo sapiens paraplegin-like protein	5116	97.872
5683	AF072508	Homo sapiens envelope protein	272	34.483
5684	U76714	Rattus norvegicus cell adhesion regulator	2354	87.624
5685	X98259	Homo sapiens M-phase phosphoprotein 8	1232	75.735
5686	AL022316	Homo sapiens bK126B4.1 (novel protein)	268	60.759
5687	X86779	Homo sapiens FAST kinase	3431	95.848
5688	AL049848	Homo sapiens hypothetical protein	250	31.304
5689	AC006284	Arabidopsis thaliana putative ankyrin	267	39.189
5690	Z37139	Unknown similar to guanine nucleotide binding protein; cDNA EST EMBL:T00917 comes from this	431	33.469
		gene; c		
L	I	1 9cmc/ C	L	L

5691	X61048	Hydra sp. mini-collagen	189	34.815
5692	AL032654	Caenorhabditis elegans similar to Heme-binding	698	31.870
		domain in cytochrome b5 and oxidoreductases		ļ
5693	X55686	Lycopersicon esculentum extensin (class II)	74	27.711
5694	AF036977	Homo sapiens unknown	2126	94.706
5695	U26743	Homo sapiens similar to the 87 kDA Torpedo	207	52.000
		acetylcholine receptor-associated protein;		
	:	similar to human dystrophin-related protein,		
		PIR Accession Number S03966		
5696	AL050131	Homo sapiens hypothetical protein	265	39.548
5697	M12140	Homo sapiens envelope protein	2012	57.143
5698	U93567	Homo sapiens p40	404	33.115
5699	AF108843	Homo sapiens env protein	992	37.115
5700	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	352	52.308
5701	AC003979	Arabidopsis thaliana ESTs gb Z34075, gb Z34835	613	41.045
		and gb AA404888 come from this gene.		
5702	L06505	Homo sapiens ribosomal protein L12	586	71.429
5703	U79260	Homo sapiens unknown	347	66.327
5704	X07704	Homo sapiens Po protein	267	31.707
5705	M63835	Homo sapiens IgG Fc receptor I	2307	98.667
5706	K01075	synthetic construct circumsporozoite (CS)	135	25.210
		fusion prot (partial)		
5707	M11902	Mus musculus proline-rich salivary protein	216	30.126
5708	AF126164	Homo sapiens alternative HHLA3 protein	432	69.091
5709	AF111106	Homo sapiens protein serine/threonine	5431	92.596
		phosphatase 4 regulatory subunit 1		
5710	AF083107	Homo sapiens sirtuin type 2	1642	79.679
5711	U22818	Cricetulus griseus mutant sterol regulatory	601	46.512
		element binding protein-2		
5712	AF069781	Drosophila melanogaster Bem46-like protein	820	42.284
5713	AL080119	Homo sapiens hypothetical protein	2454	96.203
5714	L27104	Bos sp. muscarinic receptor, M4 subtype	99	31.034
5715	Y14690	Homo sapiens procollagen alpha 2(V)	1081	97.933
5716	724001		7	0.7.500
5716	L34001	Homo sapiens ORF; putative	348	87.500
5717	U58755	Caenorhabditis elegans C34D4.11 gene product	156	36.207
5718	X82157	Homo sapiens hevin	3929	95.075
5719	U95098	Xenopus laevis mitotic phosphoprotein 44	1439	68.085
5720	X70944	Homo sapiens PTB-associated splicing factor	3439	83.062
5721	U66796	Homo sapiens laminin alpha 2 chain	2132	99.165
5722	M84379	Harris and the state of the sta	4	04.046
5723	X65165	Homo sapiens lymphocyte antigen	2011	84.946
5724		Volvox carteri extensin	352	33.852
5/24	AF129085	Homo sapiens carboxy terminus of Hsp70-	1864	96.066
		interacting protein	178	35.256
572E	70000060			
5725	AP000060	Aeropyrum pernix 143aa long hypothetical	1/8	33.230
		protein		
5726	X07881	protein Homo sapiens proline-rich protein G1	284	33.754
		protein Homo sapiens proline-rich protein G1 Caenorhabditis elegans No definition line		
5726 5727	X07881 U80848	protein Homo sapiens proline-rich protein G1 Caenorhabditis elegans No definition line found	284	33.754 36.076
5726	X07881	protein Homo sapiens proline-rich protein G1 Caenorhabditis elegans No definition line found Homo sapiens Unknown gene product splice form-	284	33.754
5726 5727 5728	X07881 U80848 AC002544	protein Homo sapiens proline-rich protein G1 Caenorhabditis elegans No definition line found Homo sapiens Unknown gene product splice form-1	284 338 667	33.754 36.076 54.430
5726 5727 5728	X07881 U80848 AC002544 Y09615	protein Homo sapiens proline-rich protein G1 Caenorhabditis elegans No definition line found Homo sapiens Unknown gene product splice form-1 Homo sapiens mTERF	284 338 667 498	33.754 36.076 54.430
5726 5727 5728 5729 5730	X07881 U80848 AC002544 Y09615 AL050071	protein Homo sapiens proline-rich protein G1 Caenorhabditis elegans No definition line found Homo sapiens Unknown gene product splice form-1 Homo sapiens mTERF Homo sapiens hypothetical protein	284 338 667 498 2272	33.754 36.076 54.430 30.357 88.278
5726 5727 5728 5729 5730 5731	X07881 U80848 AC002544 Y09615 AL050071 AB018331	protein Homo sapiens proline-rich protein G1 Caenorhabditis elegans No definition line found Homo sapiens Unknown gene product splice form-1 Homo sapiens mTERF Homo sapiens hypothetical protein Homo sapiens KIAAO788 protein	284 338 667 498 2272 7248	33.754 36.076 54.430 30.357 88.278 92.485
5726 5727 5728 5729 5730	X07881 U80848 AC002544 Y09615 AL050071	protein Homo sapiens proline-rich protein G1 Caenorhabditis elegans No definition line found Homo sapiens Unknown gene product splice form-1 Homo sapiens mTERF Homo sapiens hypothetical protein Homo sapiens KIAA0788 protein Schizosaccharomyces pombe putative vacuolar	284 338 667 498 2272	33.754 36.076 54.430 30.357 88.278
5726 5727 5728 5729 5730 5731	X07881 U80848 AC002544 Y09615 AL050071 AB018331	protein Homo sapiens proline-rich protein G1 Caenorhabditis elegans No definition line found Homo sapiens Unknown gene product splice form-1 Homo sapiens mTERF Homo sapiens hypothetical protein Homo sapiens KIAAO788 protein	284 338 667 498 2272 7248	33.754 36.076 54.430 30.357 88.278 92.485

5734	AJ249732	Homo caniona CO protoin	792	90.000
5735	AF010144	Homo sapiens G8 protein Homo sapiens neuronal thread protein AD7c-NTP	416	61.165
5736	X57110	Homo sapiens c-cbl protein	6141	98.677
5737	X86779	Homo sapiens FAST kinase	3487	96.926
5738	AL080318	Arabidopsis thaliana putative protein	757	40.456
5739	AF019413	Homo sapiens complement component C2	4106	93.054
5740	AF123881	multiple sclerosis associated retrovirus	256	37.129
3740	AF123001	element gag polyprotein	236	37.129
5741	X55777	Homo sapiens put. ORF	243	52.326
5742	AF127142	Homo sapiens NeuAc-alpha-2,3-Gal-beta-1,3-	1633	87.742
0		GalNAc-alpha-2,6-sialyltransferase alpha2,6-	1000	******
		sialyltransferase		
5743	AF072506	Homo sapiens envelope protein precursor	3502	97.774
5744	X83413	Human herpesvirus 6 U88	555	43.719
5745	AJ010099	Homo sapiens NKp44RG1	230	29.500
5746	Y13374	Homo sapiens putative prenylated protein	1201	79.426
5747	U58658	Homo sapiens unknown	266	64.935
5748	D00189	Rattus norvegicus Na+, K+-ATPase alpha-subunit	6543	98.422
5749	U10185	Xenopus laevis XPMC2 protein	1322	50.463
5750	U00043	Caenorhabditis elegans similar to beta-	682	45.627
		mannosyltransferase		
5751	S62929	Homo sapiens PRB1L precursor protein=basic	167	26.203
		proline rich proteins (Ps, PmF, PmS, and Pe)		Ì
		precursor {C-terminal}		
5752	Y16610	Homo sapiens paraplegin	5001	98.745
5753	AJ243460	Leishmania major proteophosphoglycan	173	26.923
5754	AC004473	Arabidopsis thaliana EST gb N37577 comes from	167	37.391
		this gene.		
5755	K03208	Homo sapiens salivary proline-rich protein	312	31.502
5756	M13100	precursor Rattus norvegicus unknown protein	279	44.737
5757	AJ252550	Homo sapiens glycerol kinase	3363	97.744
5758	U09407	Rattus norvegicus putative protein kinase C	500	57.353
3,30	003407	inhibitor	300	37.333
5759	D87450	Homo sapiens Similar to D.melanogaster	8232	96.243
		parallel sister chromatids protein		
5760	AL096753	Homo sapiens hypothetical protein	780	43.450
5761	X84909	Homo sapiens phosphorylase kinase	6934	93.910
5762	X52851	Homo sapiens peptidylprolyl isomerase	709	74.847
5763	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	509	42.484
5764	X94912	Homo sapiens Pr22	292	62.179
5765	Z25535	Homo sapiens nuclear pore complex protein	9276	97.427
		hnup153		
5766	X57766	Homo sapiens stromelysin-3 precursor	3138	96.349
5767	AL117610	Homo sapiens hypothetical protein	3606	96.970
5768	X15311	Woolly monkey sarcoma virus reverse	507	48.000
		transcriptase (476 AA)		
5769	AF023261	Human endogenous retrovirus K pol-env	628	48.469
5770	U78312	Mus musculus zinc finger protein	632	35.955
5771	X13293	Homo sapiens B-myb protein (AA 1-700)	4641	99.144
5772	Z96047	Caenorhabditis elegans DY3.6	491	28.718
5773	AB002363	Homo sapiens KIAA0365	5491	96.931
5774	M74027	Homo sapiens mucin	364	27.138
5775	D87469	Homo sapiens Similar to D.melanogaster	1625	99.295
5776	NE145720	cadherin-related tumor suppressor	0	00 303
5776	AF145732	Homo sapiens endoplasmic reticulum alpha- mannosidase I	4511	99.397
5777	U48251	Homo sapiens protein kinase C-binding protein	3002	94.414
3///	040231	RACK7	3002	74.414
	L	I MONT		L

5330	1/10010		105	
5778	M12240	human herpesvirus 1 infected cell protein	195	29.288
5779	X74764	Homo sapiens protein-tyrosine kinase	5477	96.636
5780	AF169346	Cavia porcellus pro-alpha-1 type 1 collagen	122	29.091
5781	X55686	Lycopersicon esculentum extensin (class II)	143	34.091
5782	AF121009	Mycobacterium tuberculosis H37Rv hypothetical protein Jv0534	222	28.814
5783	U04706	Bos taurus 50 kDa protein	2579	83.476
5784	AF092207	Rattus norvegicus unknown	1179	78.648
5785	X59892	Homo sapiens 471 aa polypeptide (gamma2)	2145	86.694
5786	AF065391	Homo sapiens ZIS1	627	81.618
5787	X55777	Homo sapiens put. ORF	241	61.194
5788	U29380	Caenorhabditis elegans No definition line found	343	33.654
5789	AJ245553	Homo sapiens AP4 protein	3145	84.722
5790	AF177203	Homo sapiens cerebral cell adhesion molecule	3328	96.731
5791	AF134726	Homo sapiens G9A	6856	99.800
5792	AF064205	Homo sapiens dynactin 1 p150 isoform	7889	98.753
5793	U21317	Caenorhabditis elegans No definition line found	184	46.835
5794	AF131743	Homo sapiens Unknown	515	67.153
5795	AF111178	Homo sapiens glypican-6	1733	93.357
5796	U97553	murine herpesvirus 68 unknown	141	37.736
5797	D87076	Homo sapiens similar to human bromodomain protein BR140(JC2069)	2835	89.876
5798	M73491	Mus musculus N-acetylglucosaminyltransferase I	499	37.193
5799	AF128406	Homo sapiens prenyl-dependent prelamin A binding protein Narf	2058	81.028
5800	AF109126	Homo sapiens stromal cell-derived receptor-1	2474	97.250
5801	U43360	Peromyscus maniculatus reverse transcriptase	246	37.714
5802	AF027826	Homo sapiens putative seven pass transmembrane protein	487	46.691
5803	M63438	Homo sapiens , gene product	1629	79.834
5804	U00059	Saccharomyces cerevisiae Yhr121wp	42	24.176
5805	AF090867	Rattus norvegicus guanosine monophosphate reductase	1749	70.694
5806	AF070588	Homo sapiens unknown	2218	95.122
5807	AF022985	Caenorhabditis elegans No definition line found	580	40.179
5808	AC004544	Homo sapiens cytochrome C oxidase; match to P14406 (PID:g117121)	547	88.119
5809	AF132937	Homo sapiens CGI-02 protein	4002	98.875
5810	Z37997	Saccharomyces cerevisiae orf, len: 360, CAI: 0.13, some similarity to gag polyproteins	278	23.711
5811	AJ011497	Homo sapiens Claudin-7	997	92.958
5812	X63563	Homo sapiens RNA polymerase II 140 kDa subunit	6432	91.221
5813	AF151825	Homo sapiens CGI-67 protein	1516	89.726
5814	AF067226	Homo sapiens cGMP phosphodiesterase A4	2920	94.553
5815	X62677	Oryctolagus cuniculus retrovirus related reverse transcriptase	238	54.622
5816	X89718	Sus scrofa 26S protease subunit	1472	67.981
5817	AF136587	Homo sapiens retinoic acid-induced protein	3449	98.120
5818	AL031187	Arabidopsis thaliana kinesin-related protein katA (fragment)	191	21.923
5819	AF062249	Homo sapiens immunoglobulin heavy chain variable region	627	84.167
5820	AF042386	Homo sapiens cyclophilin-33B	452	44.976
5820 5821	AF042386 D30747	Homo sapiens cyclophilin-33B Acropora donei mini-collagen	452 209	44.976 37.975

C. el S823 M30023 orf virus ORF4 186 37.736 5824 A723369 Leishmania major proteophosphoglycan 219 27.864 5825 L01042 Homo sapiens TATA element modulatory factor 6749 99.543 5826 Y00064 Homo sapiens precursor polypeptide (AA -20 to 4510 99.409 5827 A723830 Rattus norvegicus ARE1 4156 93.689 5828 017000 Gallus gallus 70P AF 461 33.333 5829 AC004077 Arabidopsis thaliana hypothetical protein 397 31.907 5830 AL021726 Unknown /match=(desc:""CK00326.5prime CK 200 39.823 Drosophila melanogaster embryo BlueScript Drosophila melanogaster embryo BlueScript Drosophila melanogaster embryo BlueScript Drosophila melanogaster embryo BlueScript Drosophila melanogaster embryo BlueScript Drosophila melanogaster embryo BlueScript Drosophila melanogaster embryo BlueScript Drosophila melanogaster embryo BlueScript Drosophila melanogaster embryo BlueScript Drosophila melanogaster embryo BlueScript Drosophila melanogaster embryo BlueScript Drosophila melanogaster embryo BlueScript Drosophila melanogaster embryo BlueScript Drosophila melanogaster embryo BlueScript Drosophila melanogaster embryo BlueScript Drosophila melanogaster Dr		T	for her Company of the last of		r
5823 M30023 orf virus ORF4 186 37.736 5824 A12743459 Leishmania major proteophosphoqlycan 219 27.86 5825 L01042 Homo sapiens TATA element modulatory factor 6749 99.543 5827 A3223830 Rattus norvegicus ARE1 4156 93.693 5828 U17000 Gallus gallus TOF AF 461 33.333 5829 AC004077 Arabidopsis thaliana hypothetical protein 397 31.907 5830 ALO21726 Unknown /matche/(desc:""CK00326.5prime CK 200 39.823 5831 U40061 Caenorhabditis elegans ZK563.5 gene product 330 3.526 5832 D82820 Homo sapiens mACM protein kinase 2049 92.339 5833 AF064782 Mus musculus unknown 2158 81.88 5834 AB022694 Homo sapiens MCK protein kinase 2049 92.339 5835 AF117653 Homo sapiens MCK protein kinase 2049 92.339 5837 X56010 Sorghum bicolor hydroxyproline-rich		1	for by C. elegans cDNA CEESX74F; coded for by		:
S824 A)243459 Leishmania major proteophosphoglycan 219 27.866 5825 101042 Homo sapiens TATA element modulatory factor 674 99.543 5826 700064 Homo sapiens precursor polypeptide (AA -20 to 4510 99.403 657	<u> </u>	1420002		100	27.726
S825 D01042					
Secondary Seco					
S827 AJ223830 Rattus norvegicus ARE1					
S828 U17000 Gallus gallus TOP AP 461 33.333			657)	4510	
S829 AC004077 Arabidopsis thaliana hypothetical protein 397 31.907					
S830					
Drosophila melanogaster embryo BlueScript Drosophila mel		1			31.907
Seal	5830	AL021726	Drosophila melanogaster embryo BlueScript	200	39.823
Secondary Seco	5021	1140061		220	20 526
5833 AF064782 Mus musculus unknown 2158 81.884 5834 AB022694 Homo sapiens MOK protein kinase 2049 82.339 5835 AF117653 Homo sapiens double homeobox protein 813 65.044 5836 AF000412 Plasmodium berghei merozoite surface protein-1 151 36.364 5837 X56010 Sorghum bicolor hydroxyproline-rich glycoprotein 186 29.197 5838 U47856 Araneus diadematus fibroin-4 227 30.769 5840 U80931 Caenorhabditis elegans strong similarity to class-III of pyridoxal-phoshate-dependent aminotransferases 1331 46.256 5841 U10281 Sus scrofa gastric mucin 264 22.283 5842 D87684 Homo sapiens similar to a C.elegans ZK353.8 3356 98.507 5843 X52479 Homo sapiens protein kinase C alpha (AA 1-672) 4426 97.926 5844 AF140507 Homo sapiens protein kinase C alpha (AA 1-672) 4426 97.926 5845 V00572 Homo sapiens cac+/calmodulin-dependent protein 343 <					
5834 AB022694 Homo sapiens MOK protein kinase 2049 82.335 5835 AF117653 Homo sapiens double homeobox protein 813 65.044 5836 AF000412 Plasmodium berghei merozoite surface protein-1 151 36.364 5837 X56010 Sorghum bicolor hydroxyproline-rich glycoprotein 186 29.197 5838 U47856 Araneus diadematus fibroin-4 227 30.769 5839 AL050261 Homo sapiens hypothetical protein 1084 93.237 5840 U80931 Caenorhabditis elegans strong similarity to class-III of pyridoxal-phoshate-dependent aminorransferases 264 22.283 5841 U10281 Sus scrofa gastric mucin 264 22.283 5842 D87684 Homo sapiens similar to a C.elegans ZK353.8 3356 98.507 5843 X52479 Homo sapiens protein kinase C alpha (AA 1-672) 4426 97.926 5845 V00572 Homo sapiens coding sequence 2389 92.723 5846 AF071081 Mycobacterium tuberoulosis proline-rich mucin homolog 270					
5835 AF117633 Homo sapiens double homeobox protein 813 65.044 5836 AF000412 Plasmodium berghei merozoite surface protein-1 151 36.364 5837 X56010 Sorghum bicolor hydroxyproline-rich 186 29.197 5838 U47856 Araneus diadematus fibroin-4 227 30.769 5839 AL050261 Homo sapiens hypothetical protein 1084 93.237 5840 U80931 Caenorhabditis elegans strong similarity to class-III of pyridoxal-phoshate-dependent 1331 46.256 5841 U10281 Sus scrofa gastric mucin 264 22.283 5842 D87684 Homo sapiens similar to a C.elegans ZK353.8 3356 98.507 5843 X52479 Homo sapiens Ca2+/calmodulin-dependent protein 3443 91.709 5844 AF140507 Homo sapiens Ca2+/calmodulin-dependent protein 3443 91.709 5845 V00572 Homo sapiens doing sequence 2389 92.723 5846 AF071081 Mycobacterium tuberculosis proline-rich mucin homologic promoduli promoduli promoduli promoduli promodul			<u> </u>		
Se36					
5837 X56010 Sorghum bicolor hydroxyproline-rich glycoprotein 186 29.197 5838 U47856 Araneus diadematus fibroin-4 227 30.769 5839 AL050261 Homo sapiens hypothetical protein 1084 93.237 5840 U80931 Caenorhabditis elegans strong similarity to class-III of pyridoxal-phoshate-dependent aminotransferases 1331 46.256 5841 U10281 Sus scrofa gastric mucin 264 22.283 5842 D87684 Homo sapiens similar to a C.elegans ZK353.8 protein (S44655) 3356 98.507 5843 X52479 Homo sapiens Ca2+/calmodulin-dependent protein kinase kinase beta 3443 91.709 5845 V00572 Homo sapiens coding sequence 2389 92.723 5846 AF071081 Mycobacterium tuberculosis proline-rich mucin homolog 243 27.253 5847 283227 Caenorhabditis elegans predicted using Genefinder; Weak similarity to high-sulphur keratins.; cDNA EST yk663al.3 comes from this gene 270 29.297 5848 X14850 Homo sapiens histone H2A.X 424 75.694 5849<					
S838 U47856 Araneus diadematus fibroin-4 227 30.769					
5838 U47856 Åraneus diadematus fibroin-4 227 30.769 5839 AL050261 Homo sapiens hypothetical protein 1084 93.237 5840 U80931 Caenorhabditis elegans strong similarity to class-III of pyridoxal-phoshate-dependent aminotransferases 1331 46.256 5841 U10281 Sus scrofa gastric mucin 264 22.283 5842 D87684 Homo sapiens similar to a C.elegans ZK353.8 protein (S44655) 3356 98.507 5843 X52479 Homo sapiens protein kinase C alpha (AA 1-672) 4426 97.926 5844 AF140507 Homo sapiens ca2+/calmodulin-dependent protein kinase kinase beta 2389 92.723 5845 V00572 Homo sapiens coding sequence 2389 92.723 5846 AF071081 Mycobacterium tuberculosis proline-rich mucin homolog 243 27.253 5847 Z83227 Caenorhabditis elegans predicted using Genefinder; Weak similarity to high-sulphur keratins.; cDNA EST yk663al.3 comes from this gene 424 75.694 5850 AF022729 Rattus norvegicus HNK-1 sulfotransferase 438 33.010		•	glycoprotein		
5839 AL050261 Homo sapiens hypothetical protein 1084 93.237 5840 U80931 Caenorhabditis elegans strong similarity to class-III of pyridoxal-phoshate-dependent aminotransferases 1331 46.256 5841 U10281 Sus scrofa gastric mucin 264 22.283 5842 D87684 Homo sapiens similar to a C.elegans ZK353.8 3356 98.507 5843 X52479 Homo sapiens protein kinase C alpha (AA 1-672) 4426 97.926 5844 AF140507 Homo sapiens ca2+/calmodulin-dependent protein kinase kinase beta 3433 91.703 5845 V00572 Homo sapiens coding sequence 2389 92.723 5846 AF071081 Mycobacterium tuberculosis proline-rich mucin homolog 243 27.253 5847 Z83227 Caenorhabditis elegans predicted using Genefinder; Weak similarity to high-sulphur keratins.; cDNA EST yk663al.3 comes from this gene 270 29.297 5848 X14850 Homo sapiens histone H2A.X 424 75.694 5849 K03208 Homo sapiens salivary proline-rich protein protein procursor 304 30.124				227	30.769
S840 U80931 Caenorhabditis elegans strong similarity to class-III of pyridoxal-phoshate-dependent aminotransferases S841 U10281 Sus scrofa gastric mucin 264 22.283 S842 D87684 Homo sapiens similar to a C.elegans ZK353.8 3356 98.507 S843 X52479 Homo sapiens protein kinase C alpha (AA 1-672) 4426 97.926 S844 AF140507 Homo sapiens Ca2+/calmodulin-dependent protein kinase kinase beta S845 V00572 Homo sapiens coding sequence 2389 92.723 S846 AF071081 Mycobacterium tuberculosis proline-rich mucin homolog S847 Z83227 Caenorhabditis elegans predicted using Genefinder; Weak similarity to high-sulphur keratins.; cDNA EST yk663al.3 comes from this gene S848 X14850 Homo sapiens histone H2A.X 424 75.694 S849 K03208 Homo sapiens salivary proline-rich protein 26 27.645 27.645 27.645 28551 X51394 Xenopus laevis APEG precursor protein 304 30.124 30.124 30.124 30.125 30.105 383364 Homo sapiens putative Rab5-interacting protein 676 86.777 67.585 X55683 Lycopersicon esculentum extensin (class I) 168 41.892 5855 AJ007666 Cryptosporidium parvum unnamed protein product 163 43.750 5857 Z97184 Homo sapiens miculatus reverse transcriptase 265 37.500 5857 297184 Homo sapiens productus reverse transcriptase 265 37.500 5857 297184 Homo sapiens myosin heavy chain IIa 184 5859 AF11784 Homo sapiens myosin heavy chain IIa 184 5860 D00723 Homo sapiens myosin heavy chain IIa 184 5860 D00723 Homo sapiens hydrogen carrier protein 627 67.630 67.630 57.63	5839	AL050261	Homo sapiens hypothetical protein	1084	93.237
minotransferases	5840	U80931		1331	46.256
D87684					
Protein (S44655) Homo sapiens protein kinase C alpha (AA 1-672) 4426 97.926	5841	U10281	Sus scrofa gastric mucin	264	22.283
5843 X52479 Homo sapiens protein kinase C alpha (AA 1-672) 4426 97.926 5844 AF140507 Homo sapiens Ca2+/calmodulin-dependent protein kinase kinase beta 3443 91.709 5845 V00572 Homo sapiens coding sequence 2389 92.723 5846 AF071081 Mycobacterium tuberculosis proline-rich mucin homolog 243 27.253 5847 Z83227 Caenorhabditis elegans predicted using Genefinder; Weak similarity to high-sulphur keratins.; cDNA EST yk663a1.3 comes from this gene 270 29.297 5848 X14850 Homo sapiens histone H2A.X 424 75.694 5849 K03208 Homo sapiens salivary proline-rich protein protein procupate procursor 226 27.645 5850 AF022729 Rattus norvegicus HNK-1 sulfotransferase 438 33.010 5851 X51394 Xenopus laevis APEG precursor protein 304 30.124 5852 M12100 Mus musculus proline-rich protein MP-3 296 26.667 5853 S83364 Homo sapiens putative Rab5-interacting protein (clone L1-57) 676 676 677	5842	D87684		3356	98.507
S844	5843	X52479		4426	97.926
5845 V00572 Homo sapiens coding sequence 2389 92.723 5846 AF071081 Mycobacterium tuberculosis proline-rich mucin homolog 243 27.253 5847 Z83227 Caenorhabditis elegans predicted using Genefinder; Weak similarity to high-sulphur keratins.; cDNA EST yk663al.3 comes from this gene 270 29.297 5848 X14850 Homo sapiens histone H2A.X 424 75.694 5849 K03208 Homo sapiens salivary proline-rich protein precursor 226 27.645 5850 AF022729 Rattus norvegicus HNK-1 sulfotransferase 438 33.010 5851 X51394 Xenopus laevis APEG precursor protein 304 30.124 5852 M12100 Mus musculus proline-rich protein MP-3 296 26.667 5853 S83364 Homo sapiens putative Rab5-interacting protein (clone L1-57) 676 86.777 5854 X55683 Lycopersicon esculentum extensin (class I) 168 41.892 5855 AJ007666 Cryptosporidium parvum unnamed protein product 163 43.750 5856 U70935 Peromys			Homo sapiens Ca2+/calmodulin-dependent protein		91.709
5846 AF071081 Mycobacterium tuberculosis proline-rich mucin homolog 243 27.253 5847 Z83227 Caenorhabditis elegans predicted using Genefinder; Weak similarity to high-sulphur keratins.; cDNA EST yk663al.3 comes from this gene 270 29.297 5848 X14850 Homo sapiens histone H2A.X 424 75.694 5849 K03208 Homo sapiens salivary proline-rich protein precursor 226 27.645 5850 AF022729 Rattus norvegicus HNK-1 sulfotransferase 438 33.010 5851 X51394 Xenopus laevis APEG precursor protein 304 30.124 5852 M12100 Mus musculus proline-rich protein MP-3 296 26.667 5853 S83364 Homo sapiens putative Rab5-interacting protein (class I) 676 86.777 5854 X55683 Lycopersicon esculentum extensin (class I) 168 41.892 5855 AJ007666 Cryptosporidium parvum unnamed protein product 163 43.750 5856 U70935 Peromyscus maniculatus reverse transcriptase 265 37.500 5857 297184	5845	V00572		2389	92 723
homolog			Mycobacterium tuberculosis proline-rich mucin		
Genefinder; Weak similarity to high-sulphur keratins.; cDNA EST yk663al.3 comes from this gene S848 X14850 Homo sapiens histone H2A.X 424 75.694 5849 K03208 Homo sapiens salivary proline-rich protein precursor 226 27.645 2			homolog		
5849 K03208 Homo sapiens salivary proline-rich protein precursor 226 27.645 5850 AF022729 Rattus norvegicus HNK-1 sulfotransferase 438 33.010 5851 X51394 Xenopus laevis APEG precursor protein 304 30.124 5852 M12100 Mus musculus proline-rich protein MP-3 296 26.667 5853 S83364 Homo sapiens putative Rab5-interacting protein {clone L1-57} 676 86.777 5854 X55683 Lycopersicon esculentum extensin (class I) 168 41.892 5855 AJ007666 Cryptosporidium parvum unnamed protein product 163 43.750 5856 U70935 Peromyscus maniculatus reverse transcriptase 265 37.500 5857 Z97184 Homo sapiens HKE2 388 48.430 5858 Z83227 Caenorhabditis elegans predicted using Genefinder; Weak similarity to high-sulphur keratins.; cDNA EST yk663a1.3 comes from this gene 243 32.857 5859 AF111784 Homo sapiens myosin heavy chain IIa 1084 93.496 5860 D00723 Homo sapiens hydro	5847	283227	Genefinder; Weak similarity to high-sulphur keratins.; cDNA EST yk663a1.3 comes from this	270	29.297
precursor					75.694
5851 X51394 Xenopus laevis APEG precursor protein 304 30.124 5852 M12100 Mus musculus proline-rich protein MP-3 296 26.667 5853 S83364 Homo sapiens putative Rab5-interacting protein {clone L1-57} 676 86.777 5854 X55683 Lycopersicon esculentum extensin (class I) 168 41.892 5855 AJ007666 Cryptosporidium parvum unnamed protein product 163 43.750 5856 U70935 Peromyscus maniculatus reverse transcriptase 265 37.500 5857 Z97184 Homo sapiens HKE2 388 48.430 5858 Z83227 Caenorhabditis elegans predicted using Genefinder; Weak similarity to high-sulphur keratins.; cDNA EST yk663a1.3 comes from this gene 243 32.857 5859 AF111784 Homo sapiens myosin heavy chain IIa 1084 93.496 5860 D00723 Homo sapiens hydrogen carrier protein 627 67.630	5849	K03208		226	27.645
5852 M12100 Mus musculus proline-rich protein MP-3 296 26.667 5853 S83364 Homo sapiens putative Rab5-interacting protein {close L1-57} 676 86.777 5854 X55683 Lycopersicon esculentum extensin (class I) 168 41.892 5855 AJ007666 Cryptosporidium parvum unnamed protein product 163 43.750 5856 U70935 Peromyscus maniculatus reverse transcriptase 265 37.500 5857 Z97184 Homo sapiens HKE2 388 48.430 5858 Z83227 Caenorhabditis elegans predicted using Genefinder; Weak similarity to high-sulphur keratins.; cDNA EST yk663al.3 comes from this gene 243 32.857 5859 AF111784 Homo sapiens myosin heavy chain IIa 1084 93.496 5860 D00723 Homo sapiens hydrogen carrier protein 627 67.630		AF022729	Rattus norvegicus HNK-1 sulfotransferase	438	33.010
5853 S83364 Homo sapiens putative Rab5-interacting protein {clone L1-57} 676 86.777 5854 X55683 Lycopersicon esculentum extensin (class I) 168 41.892 5855 AJ007666 Cryptosporidium parvum unnamed protein product 163 43.750 5856 U70935 Peromyscus maniculatus reverse transcriptase 265 37.500 5857 Z97184 Homo sapiens HKE2 388 48.430 5858 Z83227 Caenorhabditis elegans predicted using Genefinder; Weak similarity to high-sulphur keratins.; cDNA EST yk663al.3 comes from this gene 243 32.857 5859 AF111784 Homo sapiens myosin heavy chain IIa 1084 93.496 5860 D00723 Homo sapiens hydrogen carrier protein 627 67.630			Xenopus laevis APEG precursor protein	304	30.124
Section Sect				296	26.667
5855 AJ007666 Cryptosporidium parvum unnamed protein product 163 43.750 5856 U70935 Peromyscus maniculatus reverse transcriptase 265 37.500 5857 Z97184 Homo sapiens HKE2 388 48.430 5858 Z83227 Caenorhabditis elegans predicted using 243 32.857 Genefinder; Weak similarity to high-sulphur keratins.; cDNA EST yk663a1.3 comes from this gene 5859 AF111784 Homo sapiens myosin heavy chain IIa 1084 93.496 1 5860 D00723 Homo sapiens hydrogen carrier protein 627 67.630			{clone L1-57}		86.777
5856 U70935 Peromyscus maniculatus reverse transcriptase 265 37.500 5857 Z97184 Homo sapiens HKE2 388 48.430 5858 Z83227 Caenorhabditis elegans predicted using Genefinder; Weak similarity to high-sulphur keratins.; cDNA EST yk663a1.3 comes from this gene 5859 AF111784 Homo sapiens myosin heavy chain IIa 1084 93.496 5860 D00723 Homo sapiens hydrogen carrier protein 627 67.630					41.892
5857 Z97184 Homo sapiens HKE2 388 48.430 5858 Z83227 Caenorhabditis elegans predicted using Genefinder; Weak similarity to high-sulphur keratins.; cDNA EST yk663al.3 comes from this gene 5859 AF111784 Homo sapiens myosin heavy chain IIa 1084 93.496 1 5860 D00723 Homo sapiens hydrogen carrier protein 627 67.630					43.750
5858 Z83227 Caenorhabditis elegans predicted using Genefinder; Weak similarity to high-sulphur keratins.; cDNA EST yk663a1.3 comes from this gene 5859 AF111784 Homo sapiens myosin heavy chain IIa 5860 D00723 Homo sapiens hydrogen carrier protein 627 67.630					37.500
Genefinder; Weak similarity to high-sulphur keratins.; cDNA EST yk663a1.3 comes from this gene 5859 AF111784 Homo sapiens myosin heavy chain IIa 5860 D00723 Homo sapiens hydrogen carrier protein 627 67.630			<u> </u>		48.430
1 1 5860 D00723 Homo sapiens hydrogen carrier protein 627 67.630			Genefinder; Weak similarity to high-sulphur keratins.; cDNA EST yk663a1.3 comes from this gene		32.857
				1	93.496
· · · · · · · · · · · · · · · · · · ·	5860	D00723		627	67.630

5861	D49387	Homo sapiens NADP dependent leukotriene b4 12-	1935	89.275
		hydroxydehydrogenase		
5862	U84371	Homo sapiens adenylate kinase 2A	876	64.664
5863	D83206	Mus musculus P24 protein	367	42.143
5864	AL050022	Homo sapiens hypothetical protein	649	33.555
5865	AL050267	Homo sapiens hypothetical protein	3956	96.825
5866	AF072506	Homo sapiens envelope protein precursor	3502	97.774
5867	U33460	Homo sapiens DNA-directed RNA polymerase I,	1126	99.477
		largest subunit	3	
5868	X54326	Homo sapiens glutaminyl-tRNA synthetase	9593	99.722
5869	S74562	Human T-cell lymphotropic virus type 1 Gag	267	24.924
5870	AF004107	Mus musculus unknown	1215	64.839
5871	AB030503	Mus musculus UBE-la	518	36.728
5872	U58658	Homo sapiens unknown	210	52.381
5873	Z21487	Saccharomyces cerevisiae internal membrane	680	39.198
		protein		
5874	S58722	Homo sapiens X-linked retinopathy protein {C-	209	59.155
		terminal, clone XEH.8c}		
5875	X12966	Homo sapiens 3-oxoacyl-CoA thiolase propeptide	2434	92.056
		(424 AA)		
5876	AF070660	Homo sapiens HSPC004	917	72.851
5877	AF071081	Mycobacterium tuberculosis proline-rich mucin	334	26.977
		homolog		
5878	U59453	Macaca mulatta flavin-containing monooxygenase	3483	96.449
		form 2		
5879	Z11773	Homo sapiens SRE-ZBP	2703	97.567
5880	X94754	Homo sapiens yeast methionyl-tRNA synthetase	5178	95.710
		homolog		
5881	X63755	Homo sapiens high-sulpher keratin	178	30.481
5882	X61280	Oryza sativa hydroxyproline-rich glycoprotein	217	29.000
5883	M19419	Mus musculus proline-rich salivary protein	206	35.862
5884	J04670	Haemonchus contortus collagen 2c	143	31.690
5885	J03244	Bos taurus H+ ATPase 31kDa subunit (EC	1006	75.664
		3.6.1.3)		
5886	X95518	Mus musculus neuronal tyrosine threonine	1647	46.696
		phosphatase 1		
5887	AB001322	Gallus gallus aminopeptidase H	1918	70.194
5888	X79510	Homo sapiens protein-tyrosine-phosphatase	7567	97.447
5889	AB000468	Homo sapiens zinc finger protein	550	52.198
5890	Z14016	Nicotiana tabacum pistil extensin like	180	32.787
		protein, partial CDS		
5891	AF082302	Arabidopsis thaliana arabinogalactan-protein	164	37.778
5892	Z96047	Caenorhabditis elegans DY3.6	509	30.691
5893	AB008227	Adiantum capillus-veneris Extensin	201	36.000
5894	M36912	Zea mays cell wall protein (put.); putative	287	37.173
5895	Z66523	Caenorhabditis elegans similar to gamma-	670	34.540
		butyrobetaine, 2-oxoglutarate dioxygenase		
5896	L32610	Homo sapiens ribonucleoprotein	1734	94.757
5897	X55681	Lycopersicon esculentum extensin (class I)	202	31.250
5898	AL117615	Homo sapiens hypothetical protein	3855	96.082
5899	L17318	Rattus norvegicus proline-rich proteoglycan	264	30.137
5900	Y15228	Homo sapiens Leu2	415	84.444
5901	X60155	Homo sapiens zinc finger 41	5499	99.362
5902	AF098499	Caenorhabditis elegans No definition line found	291	37.500
E003	S58722	Homo sapiens X-linked retinopathy protein {C-	294	72.059
5903		Iterminal Clone XEH SC!		1
5903	A06669	terminal, clone XEH.8c} synthetic construct preTGF-betal	2248	95.929

5906 Z98265 Homo sapiens plakophilin 3 4869 97.878 5907 AP140598 Homo sapiens proline-rich protein G1 229 31.718 5908 X07881 Homo sapiens proline-rich protein G1 229 31.718 5910 Y15918 Homo sapiens COLIA1 and PDGFB fusion 134 37.168 5911 J05592 Rattus norvegicus protein phosphatase inhibitor-1 protein 303 37.805 5912 M29297 Transposon Traf556 unknown protein 225 36.000 5913 Y07867 Homo sapiens pirin 1552 93.197 5914 X59720 Saccharomyces cerevisiae YCL054w, len:841 1680 35.862 5916 106944 Ms musculus SAP 671 52.821 5917 AP000060 Aeropyrum pernix 143aa long hypothetical 166 34.167 5918 AS0307 Borrelia burgdorferi B. burgdorferi predicted 250 26.259 5920 X6305 Ms musculus protein 170 26.389 5921 AF072880 Homo sapiens SOCS box-containi		T	ASB-2		
5907 AF140598 Homo sapiens ring-box protein 1 479 69.448 5908 X07881 Homo sapiens proline-rich protein G1 229 31.718 5909 AB030234 Canis familiaris D4 dopamine receptor 133 35.789 5910 Y15918 Homo sapiens COLIAI and POGFB Fusion 134 37.168 5911 J05592 Rattus norvegicus protein phosphatase 303 37.805 5912 M29297 Transposon Tn4556 unknown protein 225 36.000 5912 M29297 Transposon Tn4556 unknown protein 155 39.3197 5914 X59720 Saccharomyces cerevisiae YCL054w, len:841 1680 35.869 5915 X16899 Ms musculus SAP 671 52.821 5917 AP600060 Aeropyrum pernix 143aa long hypothetical 166 34.167 5918 AE000789 Borerlia burgdorferi B. burgdorferi predicted 250 26.259 5920 X63005 Mus musculus proline-rich protein 170 26.389 5921 AF072880 Homo sapiens	5006	700265		1000	07 070
5988 X07881 Homo sapiens proline-rich protein G1 229 31.718 5990 A8300234 Canis familiaris D4 dopamine receptor 133 35.789 5910 Y15918 Homo sapiens COLIA1 and PDGFB fusion 134 37.168 5911 J05592 Rattus norvegicus protein phosphatase 303 37.805 5912 M29297 Transposon Trab556 uknown protein 225 36.000 5913 Y07867 Homo sapiens pirin 1552 93.197 5914 X59720 Saccharomyces cerevisiae YCL054w, len:841 1680 35.862 5916 U6944 Mus musculus SAP 671 52.821 5916 U6944 Mus musculus PRAJA1 1944 78.068 5917 AP000060 Aeropyrum pernix 143aa long hypothetical protein 166 34.167 5918 AB000789 Borrelia burgdorferi B. burgdorferi predicted coding region BBI16 250 26.259 5920 X63005 Mus musculus protine-rich protein 170 26.339 5921 AF072880 Homo sapiens					
5909 AB030234 Canis familiaris D4 dopamine receptor 133 35.789 5910 Y15918 Homo sapiens COLIA1 and PDGFB fusion 134 37.168 5911 J05592 Rattus norvegicus protein phosphatase 303 37.805 5912 M23297 Transposon Tn4556 unknown protein 225 36.000 5913 Y07867 Homo sapiens pirin 1552 93.197 5914 X59720 Saccharomyces cerevisiae YCL054w, len:841 1680 35.825 5915 X16899 Mus musculus SAP 671 52.821 5916 D06944 Mus musculus PRAJA1 1944 78.068 5917 AP000060 Borrelia burgdorferi B. burgdorferi predicted coding region BBI16 26.259 26.259 5918 AE000789 Borrelia burgdorferi B. burgdorferi predicted coding region BBI16 37.864 37.864 5921 AF072880 Mus musculus proline-rich protein 170 26.389 5921 AF072880 Memo sapiens SCCS box-containing MD protein 1942 47.826 5923 AF					
Section					
System					
Spile Missister Protein 225 36,000			transcript		
5913 V07867 Homo sapiens pirin 1552 93.197 5914 X59720 Saccharomyces cerevisiae YCL054w, len:841 1680 35.862 5915 X16899 Mus musculus SAP 671 52.821 5916 006944 Mus musculus PRAJAI 1944 78.068 5917 AP000060 Aeropyrum pernix 143aa long hypothetical protein 166 34.167 5918 AE000789 Borrelia burgdorferi B. burgdorferi predicted coding region BBI16 250 26.259 5919 X03145 Homo sapiens pot. ORF V 210 37.866 5920 X63005 Mus musculus proline-rich protein 170 26.389 5921 AF072880 Homo sapiens SOCS box-containing WD protein 1942 47.826 5921 AF072880 Homo sapiens SOCS box-containing WD protein 1942 47.826 5921 AF072880 Homo sapiens Internation (put.); putative 145 31.356 5923 AF000062 Aeropyrum pernix 141aa long hypothetical 151 38.462 5924 U79413			inhibitor-1 protein	303	
5914 X59720 Saccharomyces cerevisiae YCL054w, len:841 1680 35.862 5915 X16899 Mus musculus SAP 671 52.821 5916 U06944 Mus musculus PRAJA1 1944 78.068 5917 AP000060 Aeropyrum pernix 143aa long hypothetical 166 34.167 5918 AE000789 Borrelia burgdorferi B. burgdorferi predicted coding region BBII6 250 26.259 5919 X03145 Homo sapiens pot. ORF V 210 37.864 5920 X63005 Mus musculus proline-rich protein 170 26.389 5921 AF072880 Homo sapiens SOCS box-containing WD protein 1942 47.826 5922 M36914 Zea mays cell wall protein (put.); putative 145 31.356 5923 AP000062 Aeropyrum pernix 141aa long hypothetical 151 38.843 5924 U79413 Bos taurus BSP30 520 37.849 5925 AF144477 Homo sapiens unknown 127 27.083 5926 U89336 Homo sapiens percent					
5915 X16899 Mus musculus PRAJA1 671 52.821 5917 AP000060 Aeropyrum pernix 143aa long hypothetical protein 166 34.167 5918 AE000789 Borrelia burgdorferi B. burgdorferi predicted coding region BBI16 250 26.259 5919 X03145 Homo sapiens pot. ORF V 210 37.864 5920 X63005 Mus musculus proline-rich protein 170 26.389 5921 AF072880 Homo sapiens SCCS box-containing WD protein 1942 47.826 5922 M36914 Zea mays cell wall protein (put.); putative 145 31.366 5923 AF000062 Aeropyrum pernix 14laa long hypothetical protein 151 38.843 5924 U79413 Bos taurus BSP30 520 37.849 5925 AF144477 Homo sapiens unknown 127 27.083 5927 X75042 Homo sapiens unknown 127 27.083 5929 ABD15630 Homo sapiens simunoglobulin lambad light chain protein; cDNA 1965 52.914 5930 AF181659				1552	93.197
5916 U06944 Mus musculus PRAJAI 1944 78.068 5917 AP000060 Aeropyrum pernix 143aa long hypothetical protein 166 34.167 5918 AE000789 Borrelia burgdorferi B. burgdorferi predicted coding region BBI16 250 26.259 5919 X03145 Homo sapiens pot. ORF V 210 37.864 5920 X63005 Mus musculus proline-rich protein 170 26.389 5921 AF072880 Momo sapiens SOCS box-containing WD protein 1942 47.826 5922 M36914 Zea mays cell wall protein (put.); putative 145 31.336 5923 AP000062 Aeropyrum pernix 141aa long hypothetical protein 151 38.843 5924 U79413 Bos taurus BSP30 520 37.849 5926 B9336 Homo sapiens unknown 127 27.083 5927 X75042 Homo sapiens type II membrane protein 774 40.777 5930 AF181659 Drosophila melanogaster BcDNA GM05306 1965 52.194 5931 X57812 <		1	Saccharomyces cerevisiae YCL054w, len:841	1680	35.862
5917 AP000060 Aeropyrum pernix 143aa long hypothetical protein 166 34.167 5918 AE000789 Borrelia burgdorferi B. burgdorferi predicted coding region BBI16 250 26.259 5919 X03145 Homo sapiens pot. ORF V 210 37.864 5920 X63005 Mus musculus proline-rich protein 170 26.389 5921 AF07280 Homo sapiens SOCS box-containing WD protein 1942 47.826 5921 AF000062 Aeropyrum pernix 141aa long hypothetical 151 38.343 5923 AP000062 Aeropyrum pernix 141aa long hypothetical 151 38.843 5924 U79413 Bos taurus BSP30 520 37.849 5925 AF144477 Homo sapiens myotilin 3240 98.798 5926 889336 Homo sapiens unknown 127 27.083 5927 X75042 Homo sapiens type II membrane protein 188 33.621 5928 AF036906 Homo sapiens ESP30 188 33.621 5930 AF181659 Drosophila melanogas			Mus musculus SAP	671	52.821
Protein			Mus musculus PRAJA1	1944	78.068
5918 AE000789 Borrelia burgdorferi B. burgdorferi predicted coding region BBI16 250 26.259 5919 X03145 Homo sapiens pot. ORF V 210 37.864 5920 X63005 Mus musculus proline-rich protein 170 26.389 5921 AF072880 Homo sapiens SOCS box-containing WD protein 1942 47.826 5922 M36914 Zea mays cell wall protein (put.); putative 145 31.356 5923 AP000062 Aeropyrum pernix 141aa long hypothetical 151 38.843 5924 U79413 Bos taurus BSP30 520 37.849 5925 AF144477 Homo sapiens mycilin 3240 98.798 5926 089336 Homo sapiens unknown 127 27.083 5927 X75042 Homo sapiens type II membrane protein 774 40.777 5930 AF181659 Drosophila melanogaster BcDNA.GM05306 1965 52.914 5931 X57812 Homo sapiens immunoglobulin lambda light chain 956 83.682 5932 Z49068 Unkno	5917	AP000060		166	34.167
5919 X03145 Homo sapiens pot. ORF V 210 37.864 5920 X63005 Mus musculus proline-rich protein 170 26.389 5921 AF072880 Homo sapiens SOCS box-containing WD protein 1942 47.826 5922 M36914 Zea mays cell wall protein (put.); putative 145 31.356 5923 AP000062 Aeropyrum pernix 141aa long hypothetical 151 38.843 5924 U79413 Bos taurus BSP30 520 37.849 5925 AF144477 Homo sapiens myotilin 3240 98.798 5926 U89336 Homo sapiens unknown 127 27.083 5927 X75042 Homo sapiens LAT 188 33.621 5929 AB015630 Homo sapiens LAT 188 33.621 5930 AF181659 Drosophila melanogaster BcDNA.GM05306 1965 52.914 5931 X57812 Homo sapiens immunoglobulin lambda light chain 956 83.662 5932 Z49068 Unknown simlar to GTP-binding protein; cDNA 40.373	5918	AE000789		250	26.259
5920 X63005 Mus musculus proline-rich protein 170 26.389 5921 AF072880 Homo sapiens SOCS box-containing WD protein 1942 47.826 5922 M36914 Zea mays cell wall protein (put.); putative 145 31.356 5923 AP000062 Aeropyrum pernix 141aa long hypothetical protein 151 38.843 5924 U79413 Bos taurus BSP30 520 37.849 5925 AF144477 Homo sapiens unknown 127 27.083 5926 U89336 Homo sapiens unknown 127 27.083 5927 X75042 Homo sapiens unknown 127 27.083 5928 AF036906 Homo sapiens type II membrane protein 774 40.777 5930 AF181659 Drosophila melanogaster BCDNA.GM05306 1965 52.914 5931 X57812 Homo sapiens insumonglobulin lambad light chain 956 83.682 5932 Z49068 Unknown similar to GTP-binding protein; cDNA EST EMBL:M8911 comes from this gene; cDNA EST EMBL:D2 1048 40.373 5933	5919	X03145		210	37.864
5921 AF072880 Homo sapiens SOCS box-containing WD protein SWiP-1 1942 47.826 5922 M36914 Zea mays cell wall protein (put.); putative 145 31.356 5923 AP000062 Aeropyrum pernix 141aa long hypothetical protein 151 38.843 5924 U79413 Bos taurus BSP30 520 37.849 5925 AF144477 Homo sapiens myotilin 3240 98.798 5926 U89336 Homo sapiens unknown 127 27.083 5927 X75042 Homo sapiens LAT 188 33.621 5928 AF036906 Homo sapiens two sapiens LAT 188 33.621 5929 AB015630 Homo sapiens type II membrane protein 774 40.777 5930 AF181659 Drosophila melanogaster BcDNA.GM05306 1965 52.914 5931 X57812 Homo sapiens immunoglobulin lambda light chain 956 83.682 5932 Z49068 Unknown similar to GTP-binding protein; cDNA 1048 40.373 5933 AF010144 Homo sapiens unkn					26.389
5922 M36914 Zea mays cell wall protein (put.); putative 145 31.356 5923 AP000062 Aeropyrum pernix 14laa long hypothetical protein 151 38.843 5924 U79413 Bos taurus BSP30 520 37.849 5925 AF144477 Homo sapiens myotilin 3240 98.798 5926 U89336 Homo sapiens myotilin 127 27.083 5927 X75042 Homo sapiens c-rel 3919 98.546 5928 AF036906 Homo sapiens LAT 188 33.621 5929 AB015630 Homo sapiens immunoglobulin lambda light chain 956 83.682 5931 X57812 Homo sapiens immunoglobulin lambda light chain 956 83.682 5932 Z49068 Unknown similar to GTP-binding protein; cDNA EST EMBL:NB 1048 40.373 5933 AF010144 Homo sapiens neuronal thread protein AD7c-NTP 61 28.169 5934 U87408 Homo sapiens B-cell growth factor 140 60.000 5936 M80596 Saccharomyces cerevi			Homo sapiens SOCS box-containing WD protein		47.826
5923 AP000062 Aeropyrum pernix 141aa long hypothetical protein 151 38.843 5924 U79413 Bos taurus BSP30 520 37.849 5925 AF144477 Homo sapiens myotilin 3240 98.798 5926 U89336 Homo sapiens unknown 127 27.083 5927 X75042 Homo sapiens c-rel 3919 98.546 5928 AF036906 Homo sapiens type II membrane protein 774 40.777 5930 AF181659 Drosophila melanogaster BcDNA.GM05306 1965 52.914 5931 X57812 Homo sapiens immunoglobulin lambda light chain 956 83.682 5932 Z49068 Unknown similar to GTP-binding protein; cDNA EST EMBL:M89111 comes from this gene; cDNA EST EMBL:D2 1048 40.373 5933 AF010144 Homo sapiens neuronal thread protein AD7c-NTP 61 28.169 5934 U87408 Homo sapiens unknown 2156 85.144 5935 M15530 Homo sapiens William Exercitic Research Dycopersicon esculentum extensin (class II) 248 71.719	5922	M36914		145	31.356
5924 U79413 Bos taurus BSP30 520 37.849 5925 AF144477 Homo sapiens myotilin 3240 98.798 5926 U89336 Homo sapiens unknown 127 27.083 5927 X75042 Homo sapiens c-rel 3919 98.546 5928 AF036906 Homo sapiens LAT 188 33.621 5929 AB015630 Homo sapiens type II membrane protein 774 40.777 5930 AF181659 Drosophila melanogaster BcDNA. GM05306 1965 52.914 5931 X57812 Homo sapiens immunoglobulin lambda light chain 956 83.682 5932 Z49068 Unknown similar to GTP-binding protein; cDNA EST EMBL: M89111 comes from this gene; cDNA EST EMBL: D2 EMBL: D2 5933 AF010144 Homo sapiens neuronal thread protein AD7c-NTP 61 28.169 5936 M80596 Saccharomyces cerevisiae VAC1 231 24.918 5937 M19338 Oryctolagus cuniculus protein kinase delta 4637 96.011 5938 X55687 Lycopersic			Aeropyrum pernix 141aa long hypothetical	1	38.843
5925 AF144477 Homo sapiens myotilin 3240 98.798 5926 U89336 Homo sapiens unknown 127 27.083 5927 X75042 Homo sapiens LAT 188 33.621 5928 AF036906 Homo sapiens type II membrane protein 774 40.777 5930 AF181659 Drosophila melanogaster BcDNA.GM05306 1965 52.914 49931 X57812 Homo sapiens immunoglobulin lambda light chain 956 53.682 5932 Z49068 Unknown similar to GTP-binding protein; cDNA EST EMBL:M89111 comes from this gene; cDNA EST EMBL:D2 5933 AF010144 Homo sapiens neuronal thread protein AD7c-NTP 61 28.169 5934 U87408 Homo sapiens B-cell growth factor 140 60.000 5936 M80596 Saccharomyces cerevisiae VAC1 231 24.918 5937 M19338 Oryctolagus cuniculus protein kinase delta 4637 96.011 5938 X55667 Lycopersicon esculentum extensin (class II) 128 37.179 5939 AF131851	5924	1179413	1 *	520	37 849
5926 U89336 Homo sapiens unknown 127 27.083 5927 X75042 Homo sapiens c-rel 3919 98.546 5928 AF036906 Homo sapiens LAT 188 33.621 5929 AB015630 Homo sapiens type II membrane protein 774 40.777 5930 AF181659 Drosophila melanogaster BcDNA.GM05306 1965 52.914 5931 X57812 Homo sapiens immunoglobulin lambdal light chain 956 83.682 5932 Z49068 Unknown similar to GTP-binding protein; cDNA 1048 40.373 EST EMBL:M89111 comes from this gene; cDNA EST EMBL:D2 1048 40.373 5933 AF010144 Homo sapiens neuronal thread protein AD7c-NTP 61 28.169 5934 U87408 Homo sapiens unknown 2156 85.144 5935 M15530 Homo sapiens B-cell growth factor 140 60.000 5936 M80596 Saccharomyces cerevisiae VAC1 231 24.918 5937 M19338 Oryctolagus cuniculus protein kinase delta 4637					
5927 X75042 Homo sapiens c-rel 3919 98.546 5928 AF036906 Homo sapiens LAT 188 33.621 5929 AB015630 Homo sapiens type II membrane protein 774 40.777 5930 AF181659 Drosophila melanogaster BcDNA.GM05306 1965 52.914 5931 X57812 Homo sapiens immunoglobulin lambda light chain 956 83.682 5932 Z49068 Unknown similar to GTP-binding protein; cDNA EST EMBL:M89111 comes from this gene; cDNA EST EMBL:D2 1048 40.373 5933 AF010144 Homo sapiens neuronal thread protein AD7c-NTP 61 28.169 5934 U87408 Homo sapiens neuronal thread protein AD7c-NTP 61 28.169 5936 M80596 Saccharomyces cerevisiae VAC1 231 24.918 5937 M19338 Oryctolagus cuniculus protein kinase delta 4637 96.011 5938 X55687 Lycopersicon esculentum extensin (class II) 128 37.179 5939 AF131851 Homo sapiens Dlakophilin 2b 5249 96.288					
5928 AF036906 Homo sapiens LAT 188 33.621 5929 AB015630 Homo sapiens type II membrane protein 774 40.777 5930 AF181659 Drosophila melanogaster BcDNA.GM05306 1965 52.914 5931 X57812 Homo sapiens immunoglobulin lambda light chain 956 83.682 5932 Z49068 Unknown similar to GTP-binding protein; cDNA EST EMBL:D2 1048 40.373 5933 AF010144 Homo sapiens neuronal thread protein AD7c-NTP 61 28.169 5934 U87408 Homo sapiens neuronal thread protein AD7c-NTP 61 28.169 5935 M15530 Homo sapiens B-cell growth factor 140 60.000 5936 M80596 Saccharomyces cerevisiae VAC1 231 24.918 5937 M19338 Oryctolagus cuniculus protein kinase delta 4637 96.011 5938 X55687 Lycopersicon esculentum extensin (class II) 128 37.179 5939 AF131851 Homo sapiens ZNF237 protein 1644 70.681 5941 <					
5929 AB015630 Homo sapiens type II membrane protein 774 40.777 5930 AF181659 Drosophila melanogaster BcDNA.GM05306 1965 52.914 5931 X57812 Homo sapiens immunoglobulin lambda light chain 956 83.682 5932 Z49068 Unknown similar to GTP-binding protein; cDNA EST EMBL:D2 1048 40.373 5933 AF010144 Homo sapiens neuronal thread protein AD7c-NTP 61 28.169 5934 U87408 Homo sapiens unknown 2156 85.144 5935 M15530 Homo sapiens B-cell growth factor 140 60.000 5936 M80596 Saccharomyces cerevisiae VAC1 231 24.918 5937 M19338 Oryctolagus cuniculus protein kinase delta 4637 96.011 5938 X55687 Lycopersicon esculentum extensin (class II) 128 37.179 5939 AF131851 Homo sapiens Unknown 365 38.235 5940 AJ133352 Homo sapiens ENE237 protein 1644 70.681 5941 X97675					
5930 AF181659 Drosophila melanogaster BcDNA.GM05306 1965 52.914 5931 X57812 Homo sapiens immunoglobulin lambda light chain 956 83.682 5932 Z49068 Unknown similar to GTP-binding protein; cDNA EST EMBL:M89111 comes from this gene; cDNA EST EMBL:D2 1048 40.373 5933 AF010144 Homo sapiens neuronal thread protein AD7c-NTP 61 28.169 5934 U87408 Homo sapiens unknown 2156 85.144 5935 M15530 Homo sapiens B-cell growth factor 140 60.000 5936 M80596 Saccharomyces cerevisiae VAC1 231 24.918 5937 M19338 Oryctolagus cuniculus protein kinase delta 4637 96.011 5938 X55687 Lycopersicon esculentum extensin (class II) 128 37.179 5940 AJ133352 Homo sapiens Unknown 365 38.235 5941 X97675 Homo sapiens R31237 protein 1644 70.681 5942 AC008075 Arabidopsis thaliana F24J5.4 178 29.714 5944 </td <td></td> <td></td> <td></td> <td></td> <td></td>					
5931 X57812 Homo sapiens immunoglobulin lambda light chain 956 83.682 5932 Z49068 Unknown similar to GTP-binding protein; cDNA EST EMBL:M89111 comes from this gene; cDNA EST EMBL:D2 1048 40.373 5933 AF010144 Homo sapiens neuronal thread protein AD7c-NTP 61 28.169 5934 U87408 Homo sapiens unknown 2156 85.144 5935 M15530 Homo sapiens B-cell growth factor 140 60.000 5936 M80596 Saccharomyces cerevisiae VACI 231 24.918 5937 M19338 Oryctolagus cuniculus protein kinase delta 4637 96.011 5938 X55687 Lycopersicon esculentum extensin (class II) 128 37.179 5939 AF131851 Homo sapiens Unknown 365 38.235 5940 AJ133352 Homo sapiens plakophilin 2b 5249 96.288 5942 AC008075 Arabidopsis thaliana F24J5.4 178 29.714 5943 AY1341 Bromheadia finlaysoniana extensin 94 37.500 5945			Drosophila melanogaster RcDNA CM05306	1	
5932 Z49068 Unknown similar to GTP-binding protein; cDNA EST EMBL:M89111 comes from this gene; cDNA EST EMBL:D2 1048 40.373 5933 AF010144 Homo sapiens neuronal thread protein AD7c-NTP 61 28.169 5934 U87408 Homo sapiens unknown 2156 85.144 5935 M15530 Homo sapiens B-cell growth factor 140 60.000 5936 M80596 Saccharomyces cerevisiae VAC1 231 24.918 5937 M19338 Oryctolagus cuniculus protein kinase delta 4637 96.01 5938 X55687 Lycopersicon esculentum extensin (class II) 128 37.179 5939 AF131851 Homo sapiens Unknown 365 38.235 5940 AJ133352 Homo sapiens ZNF237 protein 1644 70.681 5941 X97675 Homo sapiens R31237 1, partial CDS 2485 80.235 5942 AC008075 Arabidopsis thaliana F24J5.4 178 29.714 5943 Y13141 Bromheadia finlaysoniana extensin 94 37.500 5945 AB					
5933 AF010144 Homo sapiens neuronal thread protein AD7c-NTP 61 28.169 5934 U87408 Homo sapiens unknown 2156 85.144 5935 M15530 Homo sapiens B-cell growth factor 140 60.000 5936 M80596 Saccharomyces cerevisiae VAC1 231 24.918 5937 M19338 Oryctolagus cuniculus protein kinase delta 4637 96.011 5938 X55687 Lycopersicon esculentum extensin (class II) 128 37.179 5939 AF131851 Homo sapiens Unknown 365 38.235 5940 AJ133352 Homo sapiens ZNF237 protein 1644 70.681 5941 X97675 Homo sapiens plakophilin 2b 5249 96.288 5942 AC008075 Arabidopsis thaliana F24J5.4 178 29.714 5943 AC005581 Homo sapiens R31237 1, partial CDS 2485 80.235 5944 Y13141 Bromheadia finlaysoniana extensin 94 37.500 5945 AB002320 Homo sapiens R3237 xy433e5.5			Unknown similar to GTP-binding protein; cDNA EST EMBL:M89111 comes from this gene; cDNA EST		40.373
5934 U87408 Homo sapiens unknown 2156 85.144 5935 M15530 Homo sapiens B-cell growth factor 140 60.000 5936 M80596 Saccharomyces cerevisiae VAC1 231 24.918 5937 M19338 Oryctolagus cuniculus protein kinase delta 4637 96.011 5938 X55687 Lycopersicon esculentum extensin (class II) 128 37.179 5939 AF131851 Homo sapiens Unknown 365 38.235 5940 AJ133352 Homo sapiens ZNF237 protein 1644 70.681 5941 X97675 Homo sapiens plakophilin 2b 5249 96.288 5942 AC008075 Arabidopsis thaliana F24J5.4 178 29.235 5944 Y13141 Bromheadia finlaysoniana extensin 94 37.500 5945 AB002320 Homo sapiens KIAA0322 1006 98.403 5946 Z83128 Caenorhabditis elegans predicted using Genefinder; cDNA EST yk433e5.5 comes from this gene; cDNA EST yk469e11.5 comes from this gene; cDNA EST yk469e11.5 comes from this gene 361 74.684	E022	20010144		61	00 160
5935 M15530 Homo sapiens B-cell growth factor 140 60.000 5936 M80596 Saccharomyces cerevisiae VAC1 231 24.918 5937 M19338 Oryctolagus cuniculus protein kinase delta 4637 96.011 5938 X55687 Lycopersicon esculentum extensin (class II) 128 37.179 5939 AF131851 Homo sapiens Unknown 365 38.235 5940 AJ133352 Homo sapiens ZNF237 protein 1644 70.681 5941 X97675 Homo sapiens plakophilin 2b 5249 96.288 5942 AC008075 Arabidopsis thaliana F24J5.4 178 29.714 5943 AC005581 Homo sapiens R31237 1, partial CDS 2485 80.235 5944 Y13141 Bromheadia finlaysoniana extensin 94 37.500 5945 AB002320 Homo sapiens KIAA0322 1006 98.403 5946 Z83128 Caenorhabditis elegans predicted using cene; cDNA EST yk469el1.5 comes from this gene; cDNA EST yk469el1.5 comes from this gene; cDNA EST yk469el1.5 comes from this gene 361 74.684 <td></td> <td></td> <td></td> <td></td> <td></td>					
5936 M80596 Saccharomyces cerevisiae VAC1 231 24.918 5937 M19338 Oryctolagus cuniculus protein kinase delta 4637 96.011 5938 X55687 Lycopersicon esculentum extensin (class II) 128 37.179 5939 AF131851 Homo sapiens Unknown 365 38.235 5940 AJ133352 Homo sapiens ZNF237 protein 1644 70.681 5941 X97675 Homo sapiens plakophilin 2b 5249 96.288 5942 AC008075 Arabidopsis thaliana F24J5.4 178 29.714 5943 AC005581 Homo sapiens R31237 1, partial CDS 2485 80.235 5944 Y13141 Bromheadia finlaysoniana extensin 94 37.500 5945 AB002320 Homo sapiens KIAA0322 1006 98.403 5946 Z83128 Caenorhabditis elegans predicted using Genefinder; cDNA EST yk433e5.3 comes from this gene; cDNA EST yk433e5.5 comes from this gene; cDNA EST yk469e11.5 comes from this gene 361 74.684 5947 U79260 Homo sapiens unknown 361 74.684 <td></td> <td></td> <td></td> <td>1</td> <td></td>				1	
5937 M19338 Oryctolagus cuniculus protein kinase delta 4637 96.011 5938 X55687 Lycopersicon esculentum extensin (class II) 128 37.179 5939 AF131851 Homo sapiens Unknown 365 38.235 5940 AJ133352 Homo sapiens ZNF237 protein 1644 70.681 5941 X97675 Homo sapiens plakophilin 2b 5249 96.288 5942 AC008075 Arabidopsis thaliana F24J5.4 178 29.714 5943 AC005581 Homo sapiens R31237 1, partial CDS 2485 80.235 5944 Y13141 Bromheadia finlaysoniana extensin 94 37.500 5945 AB002320 Homo sapiens KIAA0322 1006 98.403 5946 Z83128 Caenorhabditis elegans predicted using Gene; cDNA EST yk433e5.5 comes from this gene; cDNA EST yk433e5.5 comes from this gene; cDNA EST yk469e11.5 comes from this gene 361 74.684 5947 U79260 Homo sapiens hypothetical protein 165 24.125 5949 X77055 Homo sapiens gp70 region of endogenous retro 242 <					
5938 X55687 Lycopersicon esculentum extensin (class II) 128 37.179 5939 AF131851 Homo sapiens Unknown 365 38.235 5940 AJ133352 Homo sapiens ZNF237 protein 1644 70.681 5941 X97675 Homo sapiens plakophilin 2b 5249 96.288 5942 AC008075 Arabidopsis thaliana F24J5.4 178 29.714 5943 AC005581 Homo sapiens R31237 1, partial CDS 2485 80.235 5944 Y13141 Bromheadia finlaysoniana extensin 94 37.500 5945 AB002320 Homo sapiens KIAA0322 1006 98.403 5 Genefinder; cDNA EST yk433e5.3 comes from this gene; cDNA EST yk433e5.3 comes from this gene; cDNA EST yk469e11.5 comes from this gene 250 23.929 5947 U79260 Homo sapiens unknown 361 74.684 5948 AL117481 Homo sapiens pg70 region of endogenous retro 242 37.500 5949 X77055 Homo sapiens gp70 region of endogenous retro 242 37.500					
5939 AF131851 Homo sapiens Unknown 365 38.235 5940 AJ133352 Homo sapiens ZNF237 protein 1644 70.681 5941 X97675 Homo sapiens plakophilin 2b 5249 96.288 5942 AC008075 Arabidopsis thaliana F24J5.4 178 29.714 5943 AC005581 Homo sapiens R31237 1, partial CDS 2485 80.235 5944 Y13141 Bromheadia finlaysoniana extensin 94 37.500 5945 AB002320 Homo sapiens KIAA0322 1006 98.403 5946 Z83128 Caenorhabditis elegans predicted using Genefinder; cDNA EST yk433e5.3 comes from this gene; cDNA EST yk469e11.5 comes from this gene; cDNA EST yk469e11.5 comes from this gene 250 23.929 5947 U79260 Homo sapiens unknown 361 74.684 5948 AL117481 Homo sapiens hypothetical protein 165 24.125 5949 X77055 Homo sapiens gp70 region of endogenous retro virus erv-10 242 37.500					
5940 AJ133352 Homo sapiens ZNF237 protein 1644 70.681 5941 X97675 Homo sapiens plakophilin 2b 5249 96.288 5942 AC008075 Arabidopsis thaliana F24J5.4 178 29.714 5943 AC005581 Homo sapiens R31237 1, partial CDS 2485 80.235 5944 Y13141 Bromheadia finlaysoniana extensin 94 37.500 5945 AB002320 Homo sapiens KIAA0322 1006 98.403 5946 Z83128 Caenorhabditis elegans predicted using Genefinder; cDNA EST yk433e5.3 comes from this gene; cDNA EST yk469el1.5 comes from this gene; cDNA EST yk469el1.5 comes from this gene 361 74.684 5947 U79260 Homo sapiens unknown 361 74.684 5948 AL117481 Homo sapiens hypothetical protein 165 24.125 5949 X77055 Homo sapiens gp70 region of endogenous retro virus erv-10 242 37.500					
5941 X97675 Homo sapiens plakophilin 2b 5249 96.288 5942 AC008075 Arabidopsis thaliana F24J5.4 178 29.714 5943 AC005581 Homo sapiens R31237 1, partial CDS 2485 80.235 5944 Y13141 Bromheadia finlaysoniana extensin 94 37.500 5945 AB002320 Homo sapiens KIAA0322 1006 98.403 5946 Z83128 Caenorhabditis elegans predicted using Genefinder; cDNA EST yk433e5.3 comes from this gene; cDNA EST yk469e11.5 comes from this gene; cDNA EST yk469e11.5 comes from this gene 361 74.684 5947 U79260 Homo sapiens unknown 361 74.684 5948 AL117481 Homo sapiens hypothetical protein 165 24.125 5949 X77055 Homo sapiens gp70 region of endogenous retro virus erv-10 242 37.500					
5942 AC008075 Arabidopsis thaliana F24J5.4 178 29.714 5943 AC005581 Homo sapiens R31237 1, partial CDS 2485 80.235 5944 Y13141 Bromheadia finlaysoniana extensin 94 37.500 5945 AB002320 Homo sapiens KIAA0322 1006 98.403 5946 Z83128 Caenorhabditis elegans predicted using Genefinder; cDNA EST yk433e5.3 comes from this gene; cDNA EST yk469e11.5 comes from this gene; cDNA EST yk469e11.5 comes from this gene 361 74.684 5947 U79260 Homo sapiens unknown 361 74.684 5948 AL117481 Homo sapiens hypothetical protein 165 24.125 5949 X77055 Homo sapiens gp70 region of endogenous retro virus erv-10 242 37.500					
5943 AC005581 Homo sapiens R31237 1, partial CDS 2485 80.235 5944 Y13141 Bromheadia finlaysoniana extensin 94 37.500 5945 AB002320 Homo sapiens KIAA0322 1006 98.403 5946 Z83128 Caenorhabditis elegans predicted using Genefinder; cDNA EST yk433e5.3 comes from this gene; cDNA EST yk469e11.5 comes from this gene; cDNA EST yk469e11.5 comes from this gene 250 23.929 5947 U79260 Homo sapiens unknown 361 74.684 5948 AL117481 Homo sapiens hypothetical protein 165 24.125 5949 X77055 Homo sapiens gp70 region of endogenous retro virus erv-10 242 37.500					
5944 Y13141 Bromheadia finlaysoniana extensin 94 37.500 5945 AB002320 Homo sapiens KIAA0322 1006 98.403 5946 Z83128 Caenorhabditis elegans predicted using Genefinder; cDNA EST yk433e5.3 comes from this gene; cDNA EST yk469e11.5 comes from this gene; cDNA EST yk469e11.5 comes from this gene 250 23.929 5947 U79260 Homo sapiens unknown 361 74.684 5948 AL117481 Homo sapiens hypothetical protein 165 24.125 5949 X77055 Homo sapiens gp70 region of endogenous retro virus erv-10 242 37.500					
5945 AB002320 Homo sapiens KIAA0322 1006 5 98.403 5946 Z83128 Caenorhabditis elegans predicted using Genefinder; cDNA EST yk433e5.3 comes from this gene; cDNA EST yk469e11.5 comes from this gene; cDNA EST yk469e11.5 comes from this gene 250 23.929 5947 U79260 Homo sapiens unknown 361 74.684 5948 AL117481 Homo sapiens hypothetical protein 165 24.125 5949 X77055 Homo sapiens gp70 region of endogenous retro virus erv-10 242 37.500					
5 5946 283128 Caenorhabditis elegans predicted using Genefinder; cDNA EST yk433e5.3 comes from this gene; cDNA EST yk433e5.5 comes from this gene; cDNA EST yk469e11.5 comes from this gene 5947 U79260 Homo sapiens unknown 361 74.684 5948 AL117481 Homo sapiens hypothetical protein 165 24.125 5949 X77055 Homo sapiens gp70 region of endogenous retro virus erv-10 virus erv-10					
Genefinder; cDNA EST yk433e5.3 comes from this gene; cDNA EST yk433e5.5 comes from this gene; cDNA EST yk469e11.5 comes from this gene; cDNA EST yk469e11.5 comes from this gene 5947 U79260 Homo sapiens unknown 361 74.684 5948 AL117481 Homo sapiens hypothetical protein 165 24.125 5949 X77055 Homo sapiens gp70 region of endogenous retro virus erv-10				5	
5948 AL117481 Homo sapiens hypothetical protein 165 24.125 5949 X77055 Homo sapiens gp70 region of endogenous retro virus erv-10 242 37.500			Genefinder; cDNA EST yk433e5.3 comes from this gene; cDNA EST yk433e5.5 comes from this gene; cDNA EST yk469e11.5 comes from this gene		23.929
5949 X77055 Homo sapiens gp70 region of endogenous retro virus erv-10 242 37.500					74.684
virus erv-10				165	24.125
	5949	X77055		242	37.500
	5950	X85134	Homo sapiens RB protein binding protein	3538	98.887

5951	M30023	orf virus ORF2	193	35.135
5952	U16360	Homo sapiens caudal-type homeobox protein	172	34.127
5953	L36120	Medicago sativa proline rich protein	135	27.338
5954	AF061741	Homo sapiens retinal short-chain dehydrogenase/reductase retSDR1	1336	81.132
5955	AF000198	Caenorhabditis elegans Similar to cuticular collagen	229	32.843
5956	M17236	Homo sapiens MHC HLA-DQ alpha precursor	1375	94.186
5957	AF099505	Homo sapiens colon carcinoma related protein	2279	94.416
5958	AL021366	Homo sapiens cICK0721Q.5 (polypeptide from patented cDNA EMBL:E06811)	687	84.932
5959	X59656	Homo sapiens CRKL	2048	99.670
5960	X91012	Mus musculus alpha 3 type IX collagen	212	36.552
5961	D42044	Homo sapiens The ha3523 gene product is related to S.cerevisiae gene product located in chromosome III.	5690	99.449
5962	Z75166	Saccharomyces cerevisiae ORF YOR258w	195	28.505
5963	AL035453	Homo sapiens cB42E1.1 (PUTATIVE novel protein similar to various different known and predicted proteins)	163	29.839
5964	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	405	34.091
5965	Y13618	Homo sapiens abundant transcript	1718 3	99.727
5966	X69090	Homo sapiens 190kD protein	9483	99.243
5967	AL078468	Arabidopsis thaliana putative protein	821	37.681
5968	M28515	Mus musculus zinc finger protein mfg3 mRNA (put.); putative	308	28.030
5969	Z98046	Homo sapiens dJ1409.2 (Melanoma-Associated Antigen MAGE LIKE)	3060	92.869
5970	U31089	Homo sapiens Abl binding protein 3	2562	96.939
5971	AF044924	Homo sapiens hook2 protein	4561	96.496
5972	X12451	Homo sapiens pro-(cathepsin L)	1757	90.029
5973	D45371	Homo sapiens a novel adipose specific collagen-like factor, apM1 (adipose most abundant gene transcript 1)	327	31.818
5974	Y18046	Homo sapiens FGFR1 oncogene partner (FOP)	2466	98.030
5975	AF123320	Homo sapiens lymphocyte activation-associated protein	312	26.437
5976	L41270	Homo sapiens natural killer associated transcript 4	2781	89.451
5977	M11902	Mus musculus proline-rich salivary protein	333	36.986
5978	M12140	Homo sapiens pol gene protein; Xxx	184	55.714
5979	U79267	Homo sapiens unknown	360	43.713
5980	X56681	Homo sapiens junD protein	1750	88.701
5981	X97477	Rattus norvegicus NKR-P1B protein	303	33.663
5982	U41557	Caenorhabditis elegans proline and glycine- rich	345	28.816
5983	M19441	Mus musculus Kruppel-related protein	255	36.986
5984	AF071081	Mycobacterium tuberculosis proline-rich mucin homolog	738	29.891
5985	AF009666	multiple sclerosis associated retrovirus protease	179	35.294
5986	M82829	Homo sapiens fusion protein	4919	95.495
5987	Y14737	Homo sapiens immunoglobulin lambda heavy chain	2919	90.985
5988	AB023151	Homo sapiens KIAA0934 protein	9056	99.852
5989	Y00345	Homo sapiens polyA binding protein (AA 1-633)	554	54.106
5990	AF055985	Onchocerca volvulus pyrrolidone-rich antigen	102	34.247
5991	AF181640	Drosophila melanogaster BcDNA.GH09817	753	41.692
5992	X78929	Homo sapiens zinc finger protein	61	28.758
	<u> </u>	1 J F		

5993	AP000062	Aeropyrum pernix 141aa long hypothetical protein	151	38.843
5994	X79389	Homo sapiens glutathione transferase T1	1334	96.234
5995	U43701	Homo sapiens ribosomal protein L23a	793	84.516
5996	м99578	Homo sapiens 550 amino acids MW=61kDa, glycosylated=75 kDa; expressed on endothelium, activated lymphocytes and syncytiotrophoblast, contains leucine zipper and basic region homologous to myc; 721P	3531	95.130
5997	M12140	Homo sapiens envelope protein	1454	44.621
5998	AL117608	Homo sapiens hypothetical protein	331	42.400
5999	AE000446	Escherichia coli regulator protein for dgo operon	673	87.395
6000	X95677	Homo sapiens argBPIB	224	30.137
6001	Z67990	Caenorhabditis elegans similar to cuticle collagen	220	32.000
6002	M31013	Homo sapiens nonmuscle myosin heavy chain (NMHC)	4764	67.062
6003	AF083391	Homo sapiens putative WHSC1 protein	645	31.078
6004	U09848	Homo sapiens zinc finger protein	2109	99.689
6005	U00051	Caenorhabditis elegans coded for by C. elegans	903	29.872
		cDNA yk50b2.5; coded for by C. elegans cDNA CEESV26F; similar to lipases over a short region		
6006	X07173	Homo sapiens trypsin inhibitor	6197	100.000
6007	AF061739	Homo sapiens unknown	1123	98.870
6008	AB016237	Oryctolagus cuniculus lectin-like oxidized LDL receptor	273	26.549
6009	X67156	Rattus norvegicus (S)-2-hydroxy-acid oxidase	1627	72.521
6010	U85481	Bos taurus glyceraldehyde-3-phosphate dehydrogenase like-17 protein	396	71.028
6011	AB011179	Homo sapiens KIAA0607 protein	4804	99.726
6012	Z29481	Homo sapiens 3-hydroxyanthranilic acid	1805	97.232
		dioxygenase		1
6013	AJ005566	Mus musculus SPR2H protein	161	38.667
6014	U28131	Homo sapiens novel transcript; similar to transcription factors activation domains; linked at 5' end to AT hook motif of HMGI-C; Method: conceptual translation supplied by author	171	49.206
6015	AB001452	Rattus rattus Sck	2805	86.920
6016	Y00644	Homo sapiens precursor polypeptide (AA -34 to 287)	1929	98.428
6017	AF151848	Homo sapiens CGI-90 protein	410	34.498
6018	AF095791	Homo sapiens TACC2 protein	4105	98.930
6019	M63274	Plasmodium falciparum malaria antigen	186	44.578
6020	S80864	Homo sapiens cytochrome c-like polypeptide	970	85.340
6021	AF161081	Homo sapiens activatory receptor PIRIIbeta	199	74.000
6022	AF151800	Homo sapiens CGI-41 protein	2945	99.115
6023	AL117496			
		Homo sapiens hypothetical protein	1092	99.046
6024	AJ011779	Homo sapiens SEC63 protein	4827	99.212
6025_	X78933	Homo sapiens zinc finger protein	3469	99.590
6026	X01655	Homo sapiens type III procollagen (aa 892-1023)	170	34.400
6027	AF105332	Homo sapiens vitamin D3 receptor interacting protein	9085	99.345
6028	AF155113	Homo sapiens NY-REN-55 antigen	4902	96.370
6029	AL032821	Homo sapiens dJ55C23.1 (vanin 1)	3411	100.000
	_ ======		1	1

631 M69181 Homo sapiens non-muscle myosin B 1235 99.545	6030	X06562	Homo sapiens growth hormone receptor (AA 1-	4282	99.843
6032 X51998 Home sapiens precursor 900 80.000	6031	M69181	638) Homo sapiens non-muscle myosin B	1235	99.545
6034 AF084256 Homo sapiens precursor 900 98.000					
AF084256 Homo sapiens beta glucuronidase isoform d 145 60.465 6035 AF152307 Homo sapiens protocadherin alpha 11 5459 89.053 6036 Y12711 Homo sapiens putative progesterone binding 939 90.935 6037 AB002330 Homo sapiens KIAA0332 6743 99.415 6038 AF106681 Homo sapiens KIAA0332 6743 99.415 6039 AF083419 Homo sapiens calcium/calmodulin-dependent 3294 6040 AB020649 Homo sapiens calcium/calmodulin-dependent 3294 6041 AF123800 multiple sclerosis associated retrovirus 297 75.758 6042 AB002306 Homo sapiens KIAA0328 Protein 6812 99.510 6043 X06745 Homo sapiens Stand0842 Protein 6812 99.567 6044 AF02827 Homo sapiens Stand0842 Protein 6812 99.567 6045 X71428 Homo sapiens FUS gycline rich protein 40 1520 99.567 6046 D86984 Homo sapiens FUS gycline rich protein 3601 95.336 6048 AF165124 Homo sapiens SGT-119 protein 1545 99.598 6049 AF10267 Rattus norvegicus golgi stacking protein 2305 85.092 6050 AF084530 Homo sapiens CGF-119 protein 2305 85.092 6050 AF084530 Homo sapiens CGF-119 protein 2305 85.092 6050 AF084530 Homo sapiens CGF-119 protein 2305 85.092 6050 AF084530 Homo sapiens CGF-119 protein 2305 85.092 6050 AF084530 Homo sapiens CGF-119 protein 2305 85.092 6050 AF084530 Homo sapiens CGF-119 protein 2305 85.092 6050 AF084530 Homo sapiens CGF-119 protein 4818 99.213 6051 U82319 Homo sapiens CGF-119 protein 4818 99.213 6052 AB007922 Homo sapiens CGF-119 protein 4818 99.213 6053 Y0816 Homo sapiens CFF 6052 AB007922 Homo sapiens CFF 6052 AB007922 Homo sapiens CFF 6052 AB007922 Homo sapiens CFF 6052 AB007922 Homo sapiens CFF 6052 AB007922 Homo sapiens CFF 6052 AB007922 Homo sapiens CFF 6052 AB007922 Homo sapiens CFF 6052 AB007922 Homo sapiens CFF 6052 AB007922 Homo sapiens CFF 6052 AB007922 Homo sapiens CFF 6052 AB007922					
6035 AF152307 Homo sapiens protocadherin alpha 11 5459 89.053			Homo sapiens precursor		
Homo sapiens putative progesterone binding protein protein 939 90.955					
Protein					
AF106681 Homo sapiens ras-related GTP-binding protein 838 87.864			protein		
Protein Kinase II beta e subunit 6812 99.510					
AF123880			protein kinase II beta e subunit		
element unknown protein U5/1					
No. No.			element unknown protein U5/1		
1 - 1462 1 - 1462 99.567 6044 AF028827 Homo sapiens Tax interaction protein 40 1520 99.567 6045 X71428 Homo sapiens FUS gycline rich protein 3601 95.336 6046 D86984 Homo sapiens similar to yeast adenylate 3034 99.580 cyclase (556776) 3034 99.580 6047 AF151877 Homo sapiens CGI-119 protein 1545 99.598 6048 AF165124 Homo sapiens gamma-aminobutyric acid A 3150 99.786 6049 AF110267 Rattus norvegicus golgi stacking protein 2305 85.092 6050 AF084530 Homo sapiens cyclin-D binding Myb-like protein 4818 99.213 6051 U82319 Homo sapiens novel ORF 382 92.754 6052 AB007922 Homo sapiens KIAA0453 protein 6946 99.056 6053 Y00816 Homo sapiens KIAA0453 protein 6946 99.056 6053 Y00816 Homo sapiens UDP-N-acetylglucosamine-2- 4603 98.483 6055 AJ238764 Homo sapiens UDP-N-acetylglucosamine-2- 4603 98.483 6056 L10908 Mus musculus Gcapl gene product 167 34.568 6057 AB002312 Homo sapiens KIAA0314 8357 99.919 6058 X51798 Homo sapiens precursor 900 98.000 6060 AJ223948 Homo sapiens RNA helicase 8270 99.523 6061 X66276 Homo sapiens inter-alpha-trypsin inhibitor 5715 99.774 6063 Y08612 Homo sapiens KIAA0697 protein 6439 99.595 6064 M13442 Mus musculus alpha-tubulin isotype M-alpha-6 2922 98.667 6066 AB014597 Homo sapiens KIAA0697 protein 6439 99.897 6067 AF123756 Homo sapiens KIAA0697 protein 6439 99.897 6067 AF123756 Homo sapiens KIAA0697 protein 6439 99.897 6069 AL109701 Homo sapiens KIAA0697 protein 6439 99.897 6069 AL109701 Homo sapiens KIAA0697 protein 6439 99.897 6067 AF129756 Homo sapiens BAT4 2409 99.719 6068 AF131775 Homo sapiens BAT4 2409 99.719 6068 AF131775 Homo sapiens BAT4 2409 99.719 6068 AF131755 Homo sapiens BAT4 2409 99.719 6073 X78990 Mus musculus testin 2504 91.582 6074 AB011139 Homo sapiens KIAA0567 protein 6325			Homo sapiens KIAA0308		
6045 X71428 Homo sapiens FUS gycline rich protein 3601 95.336 6046 D86984 Homo sapiens similar to yeast adenylate cyclase (S56776) 3034 99.580 6047 AF151877 Homo sapiens CGI-119 protein 1545 99.588 6048 AF165124 Homo sapiens gamma-aminobutyric acid A receptor gamma 2 3150 99.786 6049 AF110267 Rattus norvegicus golgi stacking protein homolog GRASP55 2305 85.092 6050 AF084530 Homo sapiens cyclin-D binding Myb-like protein 4818 99.213 6051 U82319 Homo sapiens novel ORF 382 92.754 6052 AB007922 Homo sapiens CRI precursor protein 1472 99.461 6053 Y00816 Homo sapiens HP-1 (AA 1-94) 24 86.842 6054 X52053 Homo sapiens BCP product 167 34.568 6055 AJ238764 Homo sapiens KIAA0314 8357 99.919 6058 X51798 Homo sapiens RN helicase 90 98.000 6058 X51798			1 - 1462)_	9630	
6046 D86984 Homo sapiens similar to yeast adenylate cyclase (S56776) 3034 99.580 6047 AF151877 Homo sapiens CGI-119 protein 1545 99.598 6048 AF165124 Homo sapiens gamma-aminobutyric acid A receptor gamma 2 3150 99.786 6049 AF110267 Rattus norvegicus golgi stacking protein homolog GRASP55 2305 85.092 6050 AF084530 Homo sapiens cyclin-D binding Myb-like protein 4818 99.213 6051 U82319 Homo sapiens novel ORF 382 92.754 6052 AB007922 Homo sapiens KIAA0453 protein 6946 99.905 6053 Y00816 Homo sapiens BRP-1 (AA 1-94) 244 86.842 6055 AJ238764 Homo sapiens UDP-N-acetylglucosamine-2-epimerase / N-acetylmannosamine kinase 4603 98.483 6056 L10908 Mus musculus Gcapl gene product 167 34.568 6057 AB002312 Homo sapiens KIAA0314 8357 99.919 6058 X51798 Homo sapiens RNA helicase 8270 99.523					
6047 AF151877 Homo sapiens CGI-119 protein 1545 99.598 6048 AF165124 Homo sapiens gamma-aminobutyric acid A receptor gamma 2 3150 99.786 6049 AF110267 Rattus norvegicus golgi stacking protein homolog GRASP55 2305 85.092 6050 AF084530 Homo sapiens cyclin-D binding Myb-like protein 4818 99.213 6051 U82319 Homo sapiens novel ORF 382 92.754 6052 AB007922 Homo sapiens KIAA0453 protein 6946 99.905 6053 Y00816 Homo sapiens CR1 precursor protein 1472 99.461 6054 X52053 Homo sapiens UDP-N-acetylglucosamine-2-epimerase / N-acetylmanosamine kinase 4603 98.483 6056 L10908 Mus musculus Gcapl gene product 167 34.568 6057 AB002312 Homo sapiens RIAA0314 8357 99.19 6058 X51798 Homo sapiens RNA helicase 8270 99.523 6061 AJ223948 Homo sapiens RNA helicase 8270 99.523 6061			Homo sapiens FUS gycline rich protein		
6048 AF165124 Homo sapiens gamma-aminobutyric acid A receptor gamma 2 3150 99.786 6049 AF110267 Rattus norvegicus golgi stacking protein homolog GRASP55 2305 85.092 6050 AF084530 Homo sapiens cyclin-D binding Myb-like protein depth d			cyclase (S56776)		99.580
Receptor gamma 2					
homolog GRASP55 Homo sapiens cyclin-D binding Myb-like protein 4818 99.213			receptor gamma 2	3150	99.786
6051 U82319 Homo sapiens novel ORF 382 92.754 6052 AB007922 Homo sapiens KIAA0453 protein 6946 99.905 6053 Y00816 Homo sapiens CR1 precursor protein 1472 99.461 6054 X52053 Homo sapiens UDP-N-acetylglucosamine-2- epimerase / N-acetylmannosamine kinase epimerase / N-acetylmannosamine kinase 4603 98.483 6056 L10908 Mus musculus Gcapl gene product 167 34.568 6057 AB002312 Homo sapiens KIAA0314 8357 99.919 6058 X51798 Homo sapiens precursor 900 98.000 6059 AF123534 Homo sapiens nucleolar protein NOP5/NOP58 3278 100.000 6060 AJ223948 Homo sapiens RNA helicase 8270 99.523 6061 X66276 Homo sapiens inter-alpha-trypsin inhibitor heavy chain H3 5715 99.774 6063 Y08612 Homo sapiens 88kDa nuclear pore complex protein 4897 99.595 6064 M13442 Mus musculus alpha-tubulin isotype M-alpha-6 2922 98.667		AF110267		2305	85.092
6052 AB007922 Homo sapiens KIAA0453 protein 6946 99.905 6053 Y00816 Homo sapiens CR1 precursor protein 1472 99.461 6054 X52053 Homo sapiens HP-1 (AA 1-94) 244 86.842 6055 AJ238764 Homo sapiens UDP-N-acetylglucosamine-2- epimerase / N-acetylmannosamine kinase 4603 98.483 6056 L10908 Mus musculus Gcapl gene product 167 34.568 6057 AB002312 Homo sapiens KIAA0314 8357 99.919 6058 X51798 Homo sapiens precursor 900 98.000 6059 AF123534 Homo sapiens RNA helicase 8270 99.523 6061 X66276 Homo sapiens inter-alpha-trypsin inhibitor 5715 99.774 6062 X67055 Homo sapiens 88kDa nuclear pore complex protein 4897 99.595 6063 Y08612 Homo sapiens KIAA0697 protein 6439 99.897 6064 M13442 Mus musculus alpha-tubulin isotype M-alpha-6 2922 98.667 6065 X59864				4818	
Homo sapiens CR1 precursor protein					
A A A A A A A A A A					
6055 AJ238764 Homo sapiens UDP-N-acetylglucosamine-2-epimerase / N-acetylmannosamine kinase 4603 98.483 6056 L10908 Mus musculus Gcapl gene product 167 34.568 6057 AB002312 Homo sapiens KIAA0314 8357 99.919 6058 X51798 Homo sapiens precursor 900 98.000 6059 AF123534 Homo sapiens nucleolar protein NOP5/NOP58 3278 100.000 6060 AJ223948 Homo sapiens RNA helicase 8270 99.523 6061 X66276 Homo sapiens inter-alpha-trypsin inhibitor heavy chain H3 5715 99.774 6062 X67055 Homo sapiens 88kDa nuclear pore complex protein 4897 99.595 6064 M13442 Mus musculus alpha-tubulin isotype M-alpha-6 2922 98.667 6065 X59864 Rattus rattus ORF 467 57.407 6066 AB014597 Homo sapiens KIAA0697 protein 6439 99.719 6068 AF131775 Homo sapiens BAT4 2409 99.719 6068 AF13775		<u>. </u>		2	
epimerase / N-acetylmannosamine kinase 167 34.568			Homo sapiens HP-1 (AA 1-94)		
6057 AB002312 Homo sapiens KIAA0314 8357 99.919 6058 X51798 Homo sapiens precursor 900 98.000 6059 AF123534 Homo sapiens nucleolar protein NOP5/NOP58 3278 100.000 6060 AJ223948 Homo sapiens RNA helicase 8270 99.523 6061 X66276 Homo sapiens inter-alpha-trypsin inhibitor heavy chain H3 5715 99.774 6062 X67055 Homo sapiens 88kDa nuclear pore complex protein 4897 99.595 6063 Y08612 Homo sapiens 88kDa nuclear pore complex protein 4897 99.595 6064 M13442 Mus musculus alpha-tubulin isotype M-alpha-6 2922 98.667 6065 X59864 Rattus rattus ORF 467 57.407 6066 AB014597 Homo sapiens KIAA0697 protein 6439 99.897 6067 AF129756 Homo sapiens DNAT4 2409 99.719 6068 AF131775 Homo sapiens PTD014 1228 100.000 6070 AF187305 Myxine glutinosa calmodulin<			epimerase / N-acetylmannosamine kinase	4603	98.483
6058 X51798 Homo sapiens precursor 900 98.000 6059 AF123534 Homo sapiens nucleolar protein NOP5/NOP58 3278 100.000 6060 AJ223948 Homo sapiens RNA helicase 8270 99.523 6061 X66276 Homo sapiens C protein 7583 99.824 6062 X67055 Homo sapiens inter-alpha-trypsin inhibitor heavy chain H3 5715 99.774 6063 Y08612 Homo sapiens 88kDa nuclear pore complex protein 4897 99.595 6064 M13442 Mus musculus alpha-tubulin isotype M-alpha-6 2922 98.667 6065 X59864 Rattus rattus ORF 467 57.407 6066 AB014597 Homo sapiens KIAA0697 protein 6439 99.897 6067 AF129756 Homo sapiens BAT4 2409 99.719 6068 AF131775 Homo sapiens PTD014 1228 100.000 6070 AF187305 Myxine glutinosa calmodulin 396 45.270 6071 X52966 Homo sapiens mannose binding protein <			Mus musculus Gcapl gene product	167	
6059 AF123534 Homo sapiens nucleolar protein NOP5/NOP58 3278 100.000 6060 AJ223948 Homo sapiens RNA helicase 8270 99.523 6061 X66276 Homo sapiens C protein 7583 99.824 6062 X67055 Homo sapiens inter-alpha-trypsin inhibitor heavy chain H3 5715 99.774 6063 Y08612 Homo sapiens 88kDa nuclear pore complex protein 4897 99.595 6064 M13442 Mus musculus alpha-tubulin isotype M-alpha-6 2922 98.667 6065 X59864 Rattus rattus ORF 467 57.407 6066 AB014597 Homo sapiens KIAA0697 protein 6439 99.897 6067 AF129756 Homo sapiens BAT4 2409 99.719 6068 AF131775 Homo sapiens Unknown 2239 98.387 6069 AL109701 Homo sapiens PTD014 1228 100.000 6070 AF187305 Myxine glutinosa calmodulin 396 45.270 6071 X52966 Homo sapiens mannose binding protein		<u> </u>			
6060 AJ223948 Homo sapiens RNA helicase 8270 99.523 6061 X66276 Homo sapiens C protein 7583 99.824 6062 X67055 Homo sapiens inter-alpha-trypsin inhibitor heavy chain H3 5715 99.774 6063 Y08612 Homo sapiens 88kDa nuclear pore complex protein 4897 99.595 6064 M13442 Mus musculus alpha-tubulin isotype M-alpha-6 2922 98.667 6065 X59864 Rattus rattus ORF 467 57.407 6066 AB014597 Homo sapiens KIAA0697 protein 6439 99.897 6067 AF129756 Homo sapiens BAT4 2409 99.719 6068 AF131775 Homo sapiens Unknown 2239 98.387 6069 AL109701 Homo sapiens PTD014 1228 100.000 6071 X52966 Homo sapiens ribosomal protein L35a (AA 1-110) 485 75.000 6072 X15954 Homo sapiens mannose binding protein 1597 100.000 6073 X78990 Mus musculus testin 250					
6061 X66276 Homo sapiens C protein 7583 99.824 6062 X67055 Homo sapiens inter-alpha-trypsin inhibitor heavy chain H3 5715 99.774 6063 Y08612 Homo sapiens 88kDa nuclear pore complex protein 4897 99.595 6064 M13442 Mus musculus alpha-tubulin isotype M-alpha-6 2922 98.667 6065 X59864 Rattus rattus ORF 467 57.407 6066 AB014597 Homo sapiens KIAA0697 protein 6439 99.897 6067 AF129756 Homo sapiens BAT4 2409 99.719 6068 AF131775 Homo sapiens Unknown 2239 98.387 6069 AL109701 Homo sapiens PTD014 1228 100.000 6070 AF187305 Myxine glutinosa calmodulin 396 45.270 6071 X52966 Homo sapiens ribosomal protein L35a (AA 1-110) 485 75.000 6072 X15954 Homo sapiens mannose binding protein 1597 100.000 6073 X78990 Mus musculus testin 2504 91.582 6074 AB011139 Homo sapiens KI					
6062 X67055 Homo sapiens inter-alpha-trypsin inhibitor heavy chain H3 5715 99.774 6063 Y08612 Homo sapiens 88kDa nuclear pore complex protein 4897 99.595 6064 M13442 Mus musculus alpha-tubulin isotype M-alpha-6 2922 98.667 6065 X59864 Rattus rattus ORF 467 57.407 6066 AB014597 Homo sapiens KIAA0697 protein 6439 99.897 6067 AF129756 Homo sapiens BAT4 2409 99.719 6068 AF131775 Homo sapiens Unknown 2239 98.387 6069 AL109701 Homo sapiens PTD014 1228 100.000 6070 AF187305 Myxine glutinosa calmodulin 396 45.270 6071 X52966 Homo sapiens ribosomal protein L35a (AA 1-110) 485 75.000 6072 X15954 Homo sapiens mannose binding protein 1597 100.000 6073 X78990 Mus musculus testin 2504 91.582 6074 AB011139 Homo sapiens KIAA0567 protein 6325 99.080					
heavy chain H3					
Protein			heavy chain H3		
6065 X59864 Rattus rattus ORF 467 57.407 6066 AB014597 Homo sapiens KIAA0697 protein 6439 99.897 6067 AF129756 Homo sapiens BAT4 2409 99.719 6068 AF131775 Homo sapiens Unknown 2239 98.387 6069 AL109701 Homo sapiens PTD014 1228 100.000 6070 AF187305 Myxine glutinosa calmodulin 396 45.270 6071 X52966 Homo sapiens ribosomal protein L35a (AA 1-110) 485 75.000 6072 X15954 Homo sapiens mannose binding protein 1597 100.000 6073 X78990 Mus musculus testin 2504 91.582 6074 AB011139 Homo sapiens KIAA0567 protein 6325 99.080			protein		
6066 AB014597 Homo sapiens KIAA0697 protein 6439 99.897 6067 AF129756 Homo sapiens BAT4 2409 99.719 6068 AF131775 Homo sapiens Unknown 2239 98.387 6069 AL109701 Homo sapiens PTD014 1228 100.000 6070 AF187305 Myxine glutinosa calmodulin 396 45.270 6071 X52966 Homo sapiens ribosomal protein L35a (AA 1-110) 485 75.000 6072 X15954 Homo sapiens mannose binding protein 1597 100.000 6073 X78990 Mus musculus testin 2504 91.582 6074 AB011139 Homo sapiens KIAA0567 protein 6325 99.080					
6067 AF129756 Homo sapiens BAT4 2409 99.719 6068 AF131775 Homo sapiens Unknown 2239 98.387 6069 AL109701 Homo sapiens PTD014 1228 100.000 6070 AF187305 Myxine glutinosa calmodulin 396 45.270 6071 X52966 Homo sapiens ribosomal protein L35a (AA 1-110) 485 75.000 6072 X15954 Homo sapiens mannose binding protein 1597 100.000 6073 X78990 Mus musculus testin 2504 91.582 6074 AB011139 Homo sapiens KIAA0567 protein 6325 99.080					
6068 AF131775 Homo sapiens Unknown 2239 98.387 6069 AL109701 Homo sapiens PTD014 1228 100.000 6070 AF187305 Myxine glutinosa calmodulin 396 45.270 6071 X52966 Homo sapiens ribosomal protein L35a (AA 1-110) 485 75.000 6072 X15954 Homo sapiens mannose binding protein 1597 100.000 6073 X78990 Mus musculus testin 2504 91.582 6074 AB011139 Homo sapiens KIAA0567 protein 6325 99.080					
6069 AL109701 Homo sapiens PTD014 1228 100.000 6070 AF187305 Myxine glutinosa calmodulin 396 45.270 6071 X52966 Homo sapiens ribosomal protein L35a (AA 1-110) 485 75.000 6072 X15954 Homo sapiens mannose binding protein 1597 100.000 6073 X78990 Mus musculus testin 2504 91.582 6074 AB011139 Homo sapiens KIAA0567 protein 6325 99.080					
6070 AF187305 Myxine glutinosa calmodulin 396 45.270 6071 X52966 Homo sapiens ribosomal protein L35a (AA 1-110) 485 75.000 6072 X15954 Homo sapiens mannose binding protein 1597 100.000 6073 X78990 Mus musculus testin 2504 91.582 6074 AB011139 Homo sapiens KIAA0567 protein 6325 99.080		<u>. </u>			
6071 X52966 Homo sapiens ribosomal protein L35a (AA 1-110) 485 75.000 6072 X15954 Homo sapiens mannose binding protein 1597 100.000 6073 X78990 Mus musculus testin 2504 91.582 6074 AB011139 Homo sapiens KIAA0567 protein 6325 99.080				1.	
6072 X15954 Homo sapiens mannose binding protein 1597 100.000 6073 X78990 Mus musculus testin 2504 91.582 6074 AB011139 Homo sapiens KIAA0567 protein 6325 99.080					
6073 X78990 Mus musculus testin 2504 91.582 6074 AB011139 Homo sapiens KIAA0567 protein 6325 99.080					
6074 AB011139 Homo sapiens KIAA0567 protein 6325 99.080					
	6075	AF153606	Homo sapiens angiopoietin-related protein		







	T			
6119	D14531	Homo sapiens 'human homologue of rat ribosomal protein L9'	1110	93.814
6120	X15875	Homo sapiens cAMP response element binding protein (AA 1-505)	3213	99.802
6121	Y13115	Homo sapiens serine/threonine protein kinase	6264	99.794
6122	AF132947	Homo sapiens CGI-13 protein	2822	96.368
6123	D29810	Homo sapiens unknown	2011	94.022
6124	AF141289	Homo sapiens bo, + amino acid transporter; bo, +AT	3107	100.000
6125	AB018319	Homo sapiens KIAA0776 protein	5036	100.000
6126	AL034452	Homo sapiens dJ682J15.1 (novel Collagen triple	2539	100.000
6127	X99270	helix repeat containing protein)		
		Homo sapiens unknown	1922	98.294
6128	Y14494	Homo sapiens aralarl	4330	98.818
6129	X80695	Homo sapiens OXA1Hs	2894	99.087
6130	AF126963	Gallus gallus osteoglycin	1246	64.214
6131	AF132968	Homo sapiens CGI-34 protein	1321	98.624
6132	Y18483	Homo sapiens SLC7A8 protein	3463	99.065
6133	A58799	unidentified unnamed protein product	3900	99.644
6134	X91879	Homo sapiens sperm specific protein	4810	100.000
6135	U66140	Canis familiaris forssman synthetase	1948	82.421
6136	AB023065	Rattus norvegicus O-sialoglycoprotease	2017	94.410
6137	AB018350	Homo sapiens KIAA0807 protein	8370	99.921
6138	AF140690	Homo sapiens melusin	2317	97.994
6139	AF045646	Caenorhabditis elegans No definition line found	293	30.726
6140	AF151859	Homo sapiens CGI-101 protein	1408	100.000
6141	AB011125	Homo sapiens KIAA0553 protein	7326	99.543
6142	AF146531	Homo sapiens bridging integrator-2	3583	99.823
6143	AF171877	Homo sapiens cleavage and polyadenylation specificity factor 73 kDa subunit	4362	99.701
6144	AJ010346	Homo sapiens RING-H2	4510	100.000
6145	AB020656	Homo sapiens KIAA0849 protein	3286	97.244
6146	D25217	Homo sapiens KIAA0027	2894	99.543
6147	X59543	Homo sapiens M1 subunit of ribonucleotide reductase	5217	100.000
6148	X85786	Homo sapiens binding regulatory factor	4103	99.838
6149	Y08319	Homo sapiens kinesin-2	4277	99.558
6150	AF135422	Homo sapiens GDP-mannose pyrophosphorylase A	2707	99.749
6151	Z47362	Homo sapiens T cell factor 1 splice form E	2423	93.947
6152	AF151820	Homo sapiens CGI-62 protein	2193	98.466
6153	X85133	Homo sapiens RB protein binding protein	6231	99.052
6154	AB023139	Homo sapiens KIAA0922 protein	5160	98.108
6155	L08240	Homo sapiens located at OATL1	4361	98.618
6156	U24078	Homo sapiens p58 natural killer cell receptor precursor	2346	99.713
6157	AB020663	Homo sapiens KIAA0856 protein	6983	99.254
6158	X92689	Homo sapiens UDP-GalNAc:polypeptide N-	4198	99.211
		acetylgalactosaminyltransferas		
6159	X77395	Saccharomyces cerevisiae N2040	536	34.259
6160	AB029334	Halocynthia roretzi HrPET-1	727	32.808
6161	AL050114	Homo sapiens hypothetical protein	1699	98.168
6162	AF156098	Homo sapiens RNA binding motif protein 7	357	58.824
6163	AF100749	Homo sapiens Sec22 homolog	1842	99.291
6164	AB020705	Homo sapiens KIAA0898 protein	6464	99.694
6165	M74089	Homo sapiens TB1	2874	100.000
6166	AL117455	Homo sapiens hypothetical protein	5936	100.000
6167	Y00062	Homo sapiens precursor polypeptide (AA -23 to 1120)	7496	98.339



6168	X80821	Homo sapiens ribosomal protein L18a homologue	493	67.097
6169	AF009243	Homo sapiens proline-rich Gla protein 2	1235	96.078
6170	D90912	Synechocystis sp. melibiose carrier protein	446	25.094
6171	AF132948	Homo sapiens CGI-14 protein	2371	93.659
6172	AB007941	Homo sapiens KIAA0472 protein	2468	100.000
6173	X98248	Homo sapiens sortilin	5527	99.040
6174	AL031320	Homo sapiens dJ20N2.5 (novel protein similar	3276	100.000
		to fucosidase, alpha-L-1, tissue (EC 3.2.1.51,		
6175	AJ132637	alpha-l-fucosidase fucohydrolase))	4546	98.884
6175	AJ132637	Homo sapiens ATP-dependent metalloprotease YME1L	4546	90.004
6176	AL121742	Homo sapiens hypothetical protein	3861	98.795
6177	AF176903	Mus musculus sprouty 1	1900	83.072
6178	AJ243310	Homo sapiens C14orf3 protein	449	34.451
6179	L00073	Homo sapiens renin	2525	96.078
6180	X17459	Mus musculus J kappa RS-binding protein	3205	94.626
6181	X78669	Homo sapiens EF-hand protein	2116	100.000
6182	AF129112	Homo sapiens vanilloid receptor-like protein 1	5045	99.869
6183	D80010	Homo sapiens KIAA0188	5933	99.889
6184	X98411 AF036718	Homo sapiens myosin-IE	5014 3454	96.561 99.593
6185 6186	AF106934	Homo sapiens FGFR signalling adaptor SNT-2 Homo sapiens vitamin D receptor-interacting	5502	99.593
0100	ME 100934	protein	3302	91.003
6187	AF078164	Homo sapiens Ku70-binding protein	1939	99.303
6188	AJ005801	Homo sapiens PP2C	3041	98.337
6189	X59244	Homo sapiens ZNF43	5421	96.766
6190	X61100	Homo sapiens 75 kDa subunit NADH dehydrogenase precursor	4727	99.450
6191	X06026	Homo sapiens T-cell receptor T3 gamma chain	1012	92.432
6192	D63480	Homo sapiens The KIAA0146 gene product is novel.	6100	99.673
6193	AB014543	Homo sapiens KIAA0643 protein	2336	99.505
6194	S58544	Homo sapiens 75 kda infertility-related sperm	3192	98.603
		protein		
6195	AF117888	Homo sapiens myosin-IXa	1667 8	99.804
6196	AL110265	Homo sapiens hypothetical protein	941	100.000
6197	X14968	Homo sapiens RII-alpha subunit (AA 1-404)	2607	99.753
6198	AL050283	Homo sapiens hypothetical protein	2476	100.000
6199	U49082	Homo sapiens transporter protein	1229	50.256
6200	D00596	Homo sapiens thymidylate synthase	412	88.000
6201	AF151830	Homo sapiens CGI-72 protein	2621	96.706
6202	AF090990	Homo sapiens high-risk human papilloma viruses	1186	99.945
		E6 oncoproteins targeted protein E6TPl beta; putative GAP protein beta	5	
6203	U96113	Homo sapiens WWP1	4660	99.706
6204	X63547	Homo sapiens oncogene	7209	95.133
6205	AJ011863	Homo sapiens homeobox protein LSX	4739	97.775
6206	AF151905	Homo sapiens CGI-147 protein	1124	100.000
6207	D50912	Homo sapiens The KIAA0122 gene product is novel.	6658	99.604
6208	X92493	Homo sapiens STM-7	3389	99.630
6209	L29218	Homo sapiens clk2; putative	3071	92.885
6210	X63465	Homo sapiens smg GDS	3435	99.641
6211	D42043	Homo sapiens The ha2022 gene product is novel.	4308	100.000
6212	U40739	Homo sapiens cyclin C	2031	99.670
6213	AF140360	Homo sapiens histone acetyltransferase	3989	99.673
6214	U44803	Rattus norvegicus ovarian-specific protein	1337	78.431
6215	Y09723	Homo sapiens Miz-1 protein	5439	99.751

	·			
6216	Y15054	Rattus norvegicus 70 kD tumor-specific antigen	2127	82.292
6217	AL096880	Homo sapiens hypothetical protein	4132	99.190
6218	AF078853	Homo sapiens NPD001	871	100.000
6219	AB011167	Homo sapiens KIAA0595 protein	9955	99.932
6220	AF053628	Mus musculus D3Mm3e	1919	87.463
6221	D13744	Holotrichia diomphalia holotricin 3	111	46.939
6222	AF143815	Bos taurus ribosomal protein	1431	98.605
6223	X98507	Homo sapiens myosin I beta	6636	98.444
6224	AF132962	Homo sapiens CGI-28 protein	2087	99.678
6225	AF151891	Homo sapiens CGI-133 protein	924	99.338
6226	U39205	Saccharomyces cerevisiae Lpe10p	352	26.934
6227	AF155099	Homo sapiens NY-REN-18 antigen	3935	100.000
6228	AF092137	Homo sapiens FK506-binding protein	1478	99.099
6229	AL035297	Homo sapiens hypothetical protein	666	61.310
6230	AJ225089	Homo sapiens 2'-5' oligoadenylate synthetase	3192	98.641
]	(p590AS)		
6231	K01747	Homo sapiens actin prepeptide	2143	98.788
6232	L48211	Homo sapiens angiotensin II receptor	451	98.592
6233	Z81326	Homo sapiens neuroserpin	2615	100.000
6234	X66357	Homo sapiens serine/threonine protein kinase	1975	99.016
6235	Y09561	Homo sapiens ATP receptor	4140	99.832
6236	AB007864	Homo sapiens KIAA0404	1318	99.796
			4	
6237	X93996	Homo sapiens AFX	3338	99.002
6238	AB004884	Homo sapiens PKU-alpha	4563	98.194
6239	AL022326	Homo sapiens dJ333H23.2.3 (Synaptogyrin 1C (SYNGR1C))	1088	89.552
6240	D87682	Homo sapiens similar to a C.elegans protein encoded in cosmid T26A5.	3297	99.808
6241	AF144237	Homo sapiens LOMP protein	5228	99.875
6242	AF099149	Homo sapiens TRIAD1 type I	3454	98.008
6243	AL050331	Homo sapiens dJ486I3.1 (novel protein)	1856	99.640
6244	M14660	Homo sapiens ISG-K54	3067	99.788
6245	X06661	Homo sapiens calbindin (AA 1-261)	1697	100.000
6246	AJ001306	Homo sapiens PDZ domain protein	9914	100.000
6247	X98657	Homo sapiens lipopolysaccharide binding protein	3070	99.792
6248	AL117637	Homo sapiens hypothetical protein	2838	100.000
6249	AF094609	Rattus norvegicus fertility related protein	2042	63.553
		WMP1		
6250	Z99109	Bacillus subtilis similar to	121	23.529
		glycerophosphodiester phosphodiesterase		
6251	AF151894	Homo sapiens CGI-136 protein	679	82.000
6252	AB014527	Homo sapiens KIAA0627 protein	8132	99.153
6253	X96618	Mus musculus novel stromal cell protein	975	78.109
6254	X76104	Homo sapiens DAP-kinase	9494	99.651
6255	AC008044	Homo sapiens ABH	2629	100.000
6256	X86691	Homo sapiens Mi-2 protein	1266 3	99.582
6257	AF177346	Mus musculus PLIC-2	3513	86.427
6258	AB020315	Homo sapiens homologue of mouse dkk-1 gene:Acc# AF030433	1876	100.000
6259	AF045459	Homo sapiens Etk/Bmx cytosolic tyrosine kinase	4549	97.714
6260	U67934	Homo sapiens 44.9 kDa protein C18B11 homolog	1200	98.942
6261	AB023173	Homo sapiens KIAA0956 protein	4409	100.000
6262	AF011359	Bos taurus regulator of G-protein signaling 7	3129	99.147
6263	AB011150	Homo sapiens KIAA0578 protein	8781	98.113
6264	AB018327	Homo sapiens KIAA0784 protein	7154	99.720
6265	AB018314	Homo sapiens KIAA0771 protein	6199	99.473

6266	AB002318	Homo sapiens KIAA0320	5828	99.684
6267	AL050024	Homo sapiens hypothetical protein	699	91.176
6268	X90840	Homo sapiens axonal transporter of synaptic	1111	99.645
		vesicles	4	1
6269	AJ001684	Homo sapiens NKG2C	1518	99.134
6270	X14766	Homo sapiens GABA-A receptor alpha 1 subunit	2924	98.906
6271	AB023177	Homo sapiens KIAA0960 protein	9381	99.922
6272	AL110222	Homo sapiens hypothetical protein	6397	99.687
6273	AF186273	Homo sapiens leucine-rich repeats containing F-box protein FBL3	2834	100.000
6274	AF007155	Homo sapiens unknown	683	99.010
6275	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	393	77.500
6276	Z34975	Homo sapiens ldlCp	4634	99.053
6277	AF151886	Homo sapiens CGI-128 protein	938	95.732
6278	AB001452	Rattus rattus Sck	2805	86.920
6279	AF053630	Homo sapiens monocyte/neutrophil elastase inhibitor	2405	99.736
6280	AF000145	Homo sapiens germinal center kinase related protein kinase	5840	99.320
6281	AL050306	Homo sapiens dJ475B7.2 (novel protein)	4521	97.087
6282	Z83067	Homo sapiens FAA	9645	99.931
6283	U83194	Homo sapiens TRAF4-associated factor 2	1500	60.407
6284	M94043	Rattus norvegicus rab-related GTP-binding protein	1368	96.190
6285	U18982	Rattus norvegicus fos-related antigen 2	1099	65.244
6286	AJ237672	Homo sapiens methylenetetrahydrofolate reductase	4524	98.370
6287	AF118394	Homo sapiens putative nucleotide binding protein	1164	75.277
6288	AB014566	Homo sapiens KIAA0666 protein	7077	99.724
6289	U88309	Caenorhabditis elegans No definition line found	211	31.694
6290	AL050390	Homo sapiens hypothetical protein	2503	99.474
6291	Z75330	Homo sapiens nuclear protein SA-1	8199	99.841
6292	AB018353	Homo sapiens KIAA0810 protein	5464	99.272
6293	AB020504	Rattus norvegicus PMF31	381	80.247
6294	Z21966	Homo sapiens mPOU homeobox protein	1911	99.003
6295	AF151860	Homo sapiens CGI-102 protein	1464	99.545
6296	AL110499	Caenorhabditis elegans cDNA EST yk512b10.3 comes from this gene; cDNA EST yk512b10.5 comes from this gene; cDNA EST EMBL:T01004 comes from this gene	322	26.259
6297	AJ223351	Homo sapiens HIRA-interacting protein 3	3527	98.741
6298	AL117401	Homo sapiens hypothetical protein	3212	92.322
6299	AL022395	Homo sapiens dJ273N12.1 (PUTATIVE protein based on EST matches)	3999	97.760
6300	M69181	Homo sapiens non-muscle myosin B	1235 8	99.545
6301	Z46389	Homo sapiens vasodilator-stimulated phosphoprotein (VASP)	2545	99.737
6302	X59841	Homo sapiens homeobox protein	2389	94.292
6303	X92896	Homo sapiens ITBA2	719	98.095
6304	X16707	Homo sapiens fra-1 gene product (AA 1-271)	1809	99.631
6305	Y14391	Homo sapiens GTP-binding protein	2778	99.548
6306	Y07704	Rattus norvegicus hypothetical protein	1798	82.369
6307	AF091242	Homo sapiens ATP sulfurylase/APS kinase 2	4122	99.674
6308	AB028974	Homo sapiens KIAA1051 protein	2302	100.000
6309	AB023231	Homo sapiens KIAA1014 protein	4722	99.323
6310	AB011139	Homo sapiens KIAA0567 protein	6345	99.080

6311	AF168418	Homo sapiens activating signal cointegrator 1	3862	99.139
6312	AL096713	Homo sapiens hypothetical protein	9330	98.535
6313	X69151	Homo sapiens vacuolar proton-ATPase	2356	97.396
6314	U20239	Mus musculus fibrosin	399	80.000
6315	AF124251	Homo sapiens SH2-containing protein Nsp3	4516	99.276
6316	M13755	Homo sapiens 17-kDa protein	1018	98.182
6317	X05562	Homo sapiens alpha-2 chain precursor (AA -25	7809	99.617
0017	1.00002	to 1018) (3416 is 2nd base in codon)	, , , , ,	
6318	U58337	Mus musculus ligatin	2997	80.070
6319	X54131	Homo sapiens protein-tyrosine phosphatase	1313	99.650
0015	1	nome capacite process of a contract the contract to the contra	6	
6320	AF153612	Homo sapiens peroxisomal D3, D2-enoyl-CoA	2137	97.778
		isomerase	l	Į.
6321	AF072441	Homo sapiens calcineurin binding protein cabin	1476	100.000
		1	7	
6322	AL049487	Arabidopsis thaliana hypothetical protein	253	31.364
6323	AP000367	Oryza sativa ESTs	395	37.981
		AU070372(S13446), AU075541(S0353) correspond to		
		a region of the predicted gene.; Similar to		
		Arabidopsis thaliana BAC genomic sequence.	İ	
		(AC002292)		
6324	D42046	Homo sapiens The ha3631 gene product is	6997	99.443
		related to S.cerevisiae protein encoded in		
		chromosome VIII.		
6325	D50926	Homo sapiens The KIAA0136 gene product is	6073	99.685
		novel.		
6326	AF125188	Homo sapiens adenosine deaminase acting on	3363	99.402
		tRNA 1		
6327	U03416	Rattus norvegicus neuronal olfactomedin-	2446	96.401
		related ER localized protein		
6328	AB011178	Homo sapiens KIAA0606 protein	5699	99.884
6329	AF134726	Homo sapiens G7A	8155	97.792
6330	L22031	Glycine max hydroxyproline-rich glycoprotein	188	36.697
6331	AC004142	Homo sapiens similar to murine leucine-rich	4613	99.858
		repeat protein; possible role in neural		
		development by protein-protein interactions;		
		93% similarity to D49802 (PID:g1369906)		
6332	X86018	Homo sapiens mufl	4040	99.673
6333	U13070	Caenorhabditis elegans No definition line	610	44.749
		found		
6334	AB018271	Homo sapiens KIAA0728 protein	6896	100.000
6335	AF176039	Homo sapiens high mobility group protein-R	1254	89.055
6336	X80590	Homo sapiens phosphorylase kinase	2503	100.000
6337	AB002318	Homo sapiens KIAA0320	5828	99.684
6338	AL050258	Homo sapiens hypothetical protein	5719	100.000
6339	AF070598	Homo sapiens ABC transporter	3208	98.047
6340	AL021396	Homo sapiens dJ971N18.2	1679	100.000
6341	S72462	Homo sapiens beta-glucuronidase	255	64.615
6342	U04520	Homo sapiens type IV collagen a5 chain	1283	100.000
			0	
6343	AF160728	Homo sapiens sex comb on midleg-like-1 protein	1391	100.000
6344	AF031588	Homo sapiens WASP interacting protein	3688	99.801
6345	AF006751	Homo sapiens ES/130	6050	99.898
6346	X52127	Mus musculus domesticus testis-specific	975	38.173
		protein, clone 46		
6347	AL031259	Homo sapiens PDCD2 (PROGRAMMED CELL DEATH-	2442	100.000
		2/RP8 HOMOLOG)		
6348	AJ224945	Xenopus laevis groucho protein	4757	96.229
6349	A47490	unidentified HUMAN OBF-1	1698	98.828
	1	1		<u> </u>

6350	AC005757	Homo sapiens R32611 1	3469	99.265
6351	S61069	<pre>Homo sapiens reverse transcriptase homolog=pol {retroviral element}</pre>	491	84.000
6352	AC004079	Homo sapiens 40% similar to yeast high	684	90.435
		mobility group-like nuclear protein, P32495		301100
		(PID:g417360)		
6353	AF084521	Homo sapiens brefeldin A-inhibited guanine	1134	99.539
		nucleotide-exchange protein 2	4	
6354	X13988	Homo sapiens embryonic myosin heavy chain (AA	1213	99.690
CO. E.	7 700 601 5	1 - 1940)	3	
6355	AJ006215	Mus musculus CMP-N-acetylneuraminic acid synthetase	2644	93.911
6356	U04241	Homo sapiens homologous to Swiss-Prot	715	88.832
0550	004241	accession number P16371	/13	00.032
6357	U64033	Mus musculus Tera	975	88.158
6358	AF106862	Homo sapiens zinc finger homeobox protein ZHX1	5679	100.000
6359	AF083208	Homo sapiens Che-1	3499	98.743
6360	AF035178	Oryctolagus cuniculus elongation factor 1 A2	3013	99.784
6361	U26162	Homo sapiens myosin regulatory light chain	1104	99.422
6362	X99404	Homo sapiens Berg36	2117	98.750
6363	U64601	Caenorhabditis elegans Gene probably begins in	531	50.336
		the next cosmid		
6364	AL080065	Homo sapiens hypothetical protein	2287	98.880
6365	Y17999	Homo sapiens Dyrk1B protein kinase	4307	99.841
6366	AF152961	Homo sapiens chromatin-specific transcription	6721	99.618
60.60		elongation factor FACT 140 kDa subunit		<u> </u>
6367	L31783	Mus musculus uridine kinase	982	70.155
6368 6369	AL117462	Homo sapiens hypothetical protein	849	49.841
6370	AB020710 AF151870	Homo sapiens KIAA0903 protein	6183	99.480
6371	AF143321	Homo sapiens CGI-112 protein	1355	96.602
6372	X06256	Homo sapiens unknown Homo sapiens integrin alpha 5 subunit	7083	65.789 99.905
0372	X00230	precursor	1003	99.905
6373	AF051151	Homo sapiens Toll/interleukin-1 receptor-like	5659	99.650
		protein 3		
6374	Y13620	Homo sapiens BCL9	9699	99.498
6375	Z73102	Caenorhabditis elegans Similarity to	884	40.943
		B.subtilis DNAJ protein (SW:DNAJ_BACSU); cDNA		
		EST yk437a1.5 comes from this gene		
6376	AB018257	Homo sapiens KIAA0714 protein	7325	99.820
6377	AJ224741	Homo sapiens matrilin-3		100.000
6378	U65416	Homo sapiens MHC class I molecule	2560	99.215
6379	AF004876	Homo sapiens 54TMp	1031	56.803
6380	AL021878	Homo sapiens dJ257I20.4	205	72.000
6381 6382	D90734 X86779	Escherichia coli ORF ID:0223#11	785	100.000
6383	AJ005890	Homo sapiens FAST kinase Homo sapiens JM1	3626 3931	99.637
6384	AF069762	Homo sapiens map kinase phosphatase-like	2111	99.518
0304	AE 003702	protein MK-STYX	2111	100.000
6385	AF131826	Homo sapiens Unknown	1980	99.664
6386	AF157600	Mus musculus pleckstrin 2	2055	92.918
6387	X83425	Homo sapiens Lutheran blood group glycoprotein	4087	98.722
6388	AL096749	Homo sapiens DKFZp434G153	3100	99.360
6389	AF036130	Homo sapiens collagen type IX alpha I chain,	6706	99.457
_		long form		
6390	AF151814	Homo sapiens CGI-56 protein	1900	99.051
6391	AB020662	Homo sapiens KIAA0855 protein	4070	97.372
6392	M58378	Homo sapiens synapsin I	4798	99.008
6393	AF151846	Homo sapiens CGI-88 protein	1351	99.000
			_	

6394	X03528	Homo sapiens lambda L-chain C region	588	87.736
6395	AF039697	Homo sapiens antigen NY-CO-31	1580	97.414
6396	AF093543	Homo sapiens transforming acidic coiled-coil containing protein 3	5319	99.404
6397	AF096160	Homo sapiens protein phosphatase 2A BR gamma subunit	2686	99.294
6398	AJ222801	Homo sapiens neutral sphingomyelinase	2675	97.887
6399	L39061	Homo sapiens transcription factor SL1	3745	99.639
6400	AB002293	Homo sapiens KIAA0295	6494	99.898
6401	AC004774	Homo sapiens Dlx-5	1950	100.000
6402	AF151863	Homo sapiens CGI-105 protein	2052	97.771
6403	AF065215	Homo sapiens cytosolic phospholipase A2 beta	6677	99.306
6404	AJ005892	Homo sapiens JM23	2079	95.482
6405	U47634	Homo sapiens beta-tubulin	2892	97.517
6406	M13442	Mus musculus alpha-tubulin isotype M-alpha-6	2942	98.667
6407	AB014574	Homo sapiens KIAA0674 protein	7874	99.354
6408	AF030001	Mus musculus unknown	1499	71.510
6409	X75621	Homo sapiens tuberin	1155 1	99.006
6410	AF169548	Homo sapiens gamma-synergin	8623	99.924
6411	X90530	Homo sapiens ragB	2426	99.465
6412	AF104923	Homo sapiens putative transcription factor	5936	96.013
6413	AF151896	Homo sapiens CGI-138 protein	1000	99.346
6414	AF151873	Homo sapiens CGI-115 protein	1628	100.000
6415	AL050276	Homo sapiens hypothetical protein	4457	99.850
6416	AL080157	Homo sapiens hypothetical protein	2850	99.533
6417	AF077033	Homo sapiens putative ATP-dependent RNA helicase ROK1	3791	99.165
6418	Z99707	Arabidopsis thaliana methionyl aminopeptidase- like protein	904	53.069
6419	Z48570	Homo sapiens Sp17	961	100.000
6420	Z81053	Unknown predicted using Genefinder; Similarity to Yeast mitochondrial ribosomal protein S5 (SW:RT05	455	33.129
6421	X15306	Homo sapiens heavy neurofilament subunit	6271	98.150
6422	AB007884	Homo sapiens KIAA0424	3501	99.806
6423	AB018323	Homo sapiens KIAA0780 protein	7519	99.909
6424	Z97992	Schizosaccharomyces pombe conserved hypothetical protein	403	33.096
6425	AF132950	Homo sapiens CGI-16 protein	2625	99.750
6426	AF042713	Rattus norvegicus neurexophilin 3	1675	95.635
6427	U53366	Oncorhynchus mykiss terminal deoxynucleotidyl transferase	620	43.866
6428	AB018303	Homo sapiens KIAA0760 protein	8254	99.503
6429	X83573	Homo sapiens ARSE	4104	99.321
6430	AJ243274	Homo sapiens AP-2rep protein	2454	94.828
6431	AF151838	Homo sapiens CGI-80 protein	2128	100.000
6432	AL035608	Homo sapiens dJ479J7.1 (similar to CHONDROMODULIN-1)	1791	100.000
6433	AF051240	Picea mariana probable ubiquitin-conjugating enzyme E2	680	48.598
6434	AF153606	Homo sapiens angiopoietin-related protein	2754	100.000
6435	AF151904	Homo sapiens CGI-146 protein	778	74.869
6436	X83973	Homo sapiens transcription factor	5570	99.548
6437	AL080169	Homo sapiens hypothetical protein	1135	94.536
6438	AF130367	Mus musculus Fas-apoptosis inhibitory molecule	1029	90.395
6439	M63193	Homo sapiens endothelial cell growth factor	801	72.917
6440	AF151810	Homo sapiens CGI-52 protein	2256	99.721
6441	AL022237	Homo sapiens bK1191B2.3.1 (PUTATIVE novel Acyl	1620	75.819

		l m		
		Transferase similar to C. elegans C50D2.7)		
		(isoform 1)	52.10	-
6442	Z67743	Homo sapiens CLC-7 chloride channel protein	5148	99.620
6443	L14610	Rattus norvegicus transcription factor	3065	96.281
6444	AF006264	Homo sapiens hHR21spB	3324	98.543
6445	Z92825	Unknown predicted using Genefinder; Similarity	1178	42.576
		to Yeast low-afinity glucose transporter HXT4		
5116		(PS:32		
6446	AJ006266	Homo sapiens AND-1 protein	7551	100.000
6447	AF151908	Homo sapiens CGI-150 protein	3180	99.405
6448	AF093744	Homo sapiens unknown	293	100.000
6449	AF180919	Homo sapiens RNA lariat debranching enzyme	3611	99.816
6450	AF100750	Homo sapiens SLAP-2 homolog	2697	91.616
6451	S41204	Mus sp. H beta 58=essential for embryogenesis	1141	58.537
6452	Z83844	Homo sapiens dJ37E16.4 (similar to mouse	1515	98.062
		p116Rip_protein)	<u> </u>	
6453	X83378	Homo sapiens putative chloride channel	5711	99.541
6454	AL110240	Homo sapiens hypothetical protein	916	98.571
6455	A69608	unidentified unnamed protein product	3965	99.353
6456	AF153192	Homo sapiens ras-related protein	1827	100.000
6457	AB029031	Homo sapiens KIAA1108 protein	4913	99.737
6458	D79994	Homo sapiens similar to ankyrin of Chromatium	8478	99.847
		vinosum.		
6459	AL050149	Homo sapiens hypothetical protein	3634	98.599
6460	AB018301	Homo sapiens KIAA0758 protein	6455	99.595
6461	AB008376	Sus scrofa 17-kDa PKC-potentiated inhibitory	798	87.248
		protein of PP1		
6462	AB028991	Homo sapiens KIAA1068 protein	2343	100.000
6463	U58658	Homo sapiens unknown	275	60.227
6464	AB023190	Homo sapiens KIAA0973 protein	1044	99.369
			6	
6465	AB018295	Homo sapiens KIAA0752 protein	2139	100.000
6466	AL050015	Homo sapiens hypothetical protein	1245	100.000
6467	AF124512	Homo sapiens BVES	259	39.130
6468	AC004531	Homo sapiens Gene with similaity to DEAD box	3400	99.076
<u> </u>		helicases		
6469	A12142	synthetic construct IFN-pseudo-omega 2	987	99.351
6470	AF065215	Homo sapiens cytosolic phospholipase A2 beta	6677	99.306
6471	U31629	Mus musculus unknown	1855	94.257
6472	Z82268	Caenorhabditis elegans cDNA EST yk478b4.5	393	26.519
		comes from this gene; cDNA EST EMBL:D74716		
		comes from this gene; cDNA EST yk456b12.5		
		comes from this gene; cDNA EST EMBL:T00892		
6472	M20217	comes from this gene	0001	07.015
6473	M32317	Homo sapiens HLA protein allele B7	2284	97.245
C 4 7 4	V07304			
6474	X07384	Homo sapiens GLI protein (AA 1-1106)	7827	99.910
6474	X07384 AJ000327	Homo sapiens adrenoleukodystrophy related	4340	99.910
6475	AJ000327	Homo sapiens adrenoleukodystrophy related protein	4340	99.112
		Homo sapiens adrenoleukodystrophy related protein Homo sapiens dJ1033B10.10 (membrane protein		
6475	AJ000327	Homo sapiens adrenoleukodystrophy related protein Homo sapiens dJ1033B10.10 (membrane protein with histidine rich charge clusters (HKE4,	4340	99.112
6475 6476	AJ000327 AL031228	Homo sapiens adrenoleukodystrophy related protein Homo sapiens dJ1033B10.10 (membrane protein with histidine rich charge clusters (HKE4, RING5))	4340	99.112 38.973
6475 6476	AJ000327 AL031228 Y11395	Homo sapiens adrenoleukodystrophy related protein Homo sapiens dJ1033B10.10 (membrane protein with histidine rich charge clusters (HKE4, RING5)) Homo sapiens seventransmembrane-domain protein	4340 544 2638	99.112 38.973 99.250
6475 6476 6477 6478	AJ000327 AL031228 Y11395 L24444	Homo sapiens adrenoleukodystrophy related protein Homo sapiens dJ1033B10.10 (membrane protein with histidine rich charge clusters (HKE4, RING5)) Homo sapiens seventransmembrane-domain protein Homo sapiens DNA repair protein	4340 544 2638 175	99.112 38.973 99.250 35.294
6475 6476 6477 6478 6479	AJ000327 AL031228 Y11395 L24444 AB020630	Homo sapiens adrenoleukodystrophy related protein Homo sapiens dJ1033B10.10 (membrane protein with histidine rich charge clusters (HKE4, RING5)) Homo sapiens seventransmembrane-domain protein Homo sapiens DNA repair protein Homo sapiens KIAA0823 protein	4340 544 2638 175 2479	99.112 38.973 99.250 35.294 96.154
6475 6476 6477 6478	AJ000327 AL031228 Y11395 L24444	Homo sapiens adrenoleukodystrophy related protein Homo sapiens dJ1033B10.10 (membrane protein with histidine rich charge clusters (HKE4, RING5)) Homo sapiens seventransmembrane-domain protein Homo sapiens DNA repair protein Homo sapiens KIAA0823 protein Mus musculus plenty-of-prolines-101; POP101;	4340 544 2638 175	99.112 38.973 99.250 35.294
6475 6476 6477 6478 6479 6480	AJ000327 AL031228 Y11395 L24444 AB020630 AF062655	Homo sapiens adrenoleukodystrophy related protein Homo sapiens dJ1033B10.10 (membrane protein with histidine rich charge clusters (HKE4, RING5)) Homo sapiens seventransmembrane-domain protein Homo sapiens DNA repair protein Homo sapiens KIAA0823 protein Mus musculus plenty-of-prolines-101; POP101; SH3-philo-protein	2638 175 2479 5466	99.112 38.973 99.250 35.294 96.154 92.705
6475 6476 6477 6478 6479 6480	AJ000327 AL031228 Y11395 L24444 AB020630 AF062655 AF035178	Homo sapiens adrenoleukodystrophy related protein Homo sapiens dJ1033B10.10 (membrane protein with histidine rich charge clusters (HKE4, RING5)) Homo sapiens seventransmembrane-domain protein Homo sapiens DNA repair protein Homo sapiens KIAA0823 protein Mus musculus plenty-of-prolines-101; POP101; SH3-philo-protein Oryctolagus cuniculus elongation factor 1 A2	2638 175 2479 5466	99.112 38.973 99.250 35.294 96.154 92.705
6475 6476 6477 6478 6479 6480	AJ000327 AL031228 Y11395 L24444 AB020630 AF062655	Homo sapiens adrenoleukodystrophy related protein Homo sapiens dJ1033B10.10 (membrane protein with histidine rich charge clusters (HKE4, RING5)) Homo sapiens seventransmembrane-domain protein Homo sapiens DNA repair protein Homo sapiens KIAA0823 protein Mus musculus plenty-of-prolines-101; POP101; SH3-philo-protein	2638 175 2479 5466	99.112 38.973 99.250 35.294 96.154 92.705

6483	AL031228	Homo sapiens dJ1033B10.3 (GalT3 (beta3-	2521	99.208
0403	ALUSIZZO	Galactosyltransferase))	2321	33.200
6484	AC003965	Homo sapiens SP001LA	456	33.740
6485	AF151821	Homo sapiens CGI-63 protein	2425	99.464
6486	Z24680	Homo sapiens garp	4207	100.000
6487	AL117429	Homo sapiens hypothetical protein	1320	100.000
6488	U73585	Bos taurus Fanconi anemia group C protein	2586	73.488
6489	AF155105	Homo sapiens putative zinc finger protein NY-	404	100.000
0407	Al 155105	REN-34 antigen	101	100.000
6490	AF078165	Homo sapiens conductin	5558	98.935
6491	AF038844	Homo sapiens MKP-1 like protein tyrosine	205	56.061
		phosphatase		
6492	U69127	Homo sapiens FUSE binding protein 3	3989	99.497
6493	U79304	Homo sapiens unknown	2190	96.953
6494	X17094	Homo sapiens furin (AA 1-794)	5413	99.874
6495	AF100745	Homo sapiens PTD016 protein	1286	99.497
6496	AF073344	Homo sapiens ubiquitin-specific protease 3	3533	99.616
6497	AB007918	Homo sapiens KIAA0449 protein	4931	99.735
6498	X68561	Homo sapiens SPR-1	5000	99.745
6499	AF056116	Fugu rubripes unknown	1934	66.596
6500	AB014547	Homo sapiens KIAA0647 protein	7086	99.902
6501	AB002360	Homo sapiens KIAA0362	7335	99.278
6502	X81788	Homo sapiens ICT1 protein	1320	99.034
6503	AL023839	Caenorhabditis elegans similar to HECT-domain	2005	36.396
		(ubiquitin-transferase).; cDNA EST yk480d10.5		
		comes from this gene; cDNA EST yk531b3.3 comes		
		from this gene; cDNA EST yk196d10.5 comes from		
		this gene		
6504	AB014593	Homo sapiens KIAA0693 protein	2598	96.543
6505	S70011	Rattus sp. tricarboxylate carrier	1156	55.732
6506	Z99709	Caenorhabditis elegans C47B2.2b	670	51.961
6507	X97065	Homo sapiens Sec23 protein	5155	99.739
6508	AF107834	Homo sapiens aminopeptidase	2968	98.943
6509	L38709	Mesocricetus auratus orf	1847	71.968
6510	AB018318	Homo sapiens KIAA0775 protein	191	26.935
6511	D12816	Bos taurus actin2	2597	90.670
6512	AF072733	Homo sapiens putative secreted protein	1550	80.831
6513	AL080141	Homo sapiens hypothetical protein	6209	99.891
6514	L29554	Rattus norvegicus alpha 2,6-sialyltransferase	745	42.629
6515	AJ011654	Homo sapiens triple LIM domain protein	4277	98.703
6516	X03528	Homo sapiens lambda L-chain C region	588	87.736
6517	AF151819	Homo sapiens CGI-61 protein	2063	94.022
6518	AB011148	Homo sapiens KIAA0576 protein	7231	99.349
6519	K02882	Homo sapiens immunoglobulin delta-chain	2480	98.695
6520	U88567	Mus musculus secreted frizzled related protein	1911	97.627
		sFRP-2		
6521	X07979	Homo sapiens integrin beta 1 subunit precursor	5368	97.378
6522	L76200	Homo sapiens guanylate kinase	1202	95.610
6523	AB017332	Homo sapiens Aurora/Ipl1-related kinase 3	1924	99.655
6524	AB007902	Homo sapiens HH0712 cDNA clone for KIAA0442	8176	99.659
		has a 574-bp insertion at position 1474 of the		
		sequence of KIAA0442.		
6525	X59727	Homo sapiens 63kDa protein kinase	3602	98.925
6526	Y00291	Homo sapiens hap protein	2971	99.777
6527	AB024057	Homo sapiens vascular Rab-GAP/TBC-containing	5910	99.666
		protein		
6528	AJ228139	Homo sapiens LEKTI precursor	7301	99.436
6529	A16794	Homo sapiens cDNA isolated for this protein	1740	100.000
		using a monoclonal antibody directed against	<u> </u>	

	т	L.D. (07)		
6520	V70072	the p27k prosomal protein	1304	99.512
6530 6531	X78873 AJ005895	Homo sapiens inhibitor 2	1033	97.110
		Homo sapiens protein translocase	2561	97.110
6532 6533	AJ224819	Homo sapiens tumor suppressor	1252	88.255
	D29958	Homo sapiens KIAA0116	3020	99.782
6534	AB011154	Homo sapiens KIAA0582 protein		99.782
6535	X51985	Homo sapiens LAG-3 protein precursor	3603	
6536	Y07595	Homo sapiens transcription factor TFIIH	2845	98.491
6537	AB002631	Homo sapiens collectin 34	933	50.598
6538	AC007017	Arabidopsis thaliana putative RNA helicase A	2366	42.857
6539	AF052052	Homo sapiens unknown	812	82.209
6540	AJ245738	Homo sapiens claudin-15	1447	98.673
6541	AF159092	Homo sapiens syld709613 protein	2333	96.226
6542	AL109652	Schizosaccharomyces pombe hypothetical protein	773	44.884
6543	D14480	Rattus norvegicus calpain	2325	86.856
6544	M23197	Homo sapiens differentiation antigen	1130	60.197
6545	AL022398	Homo sapiens dJ434014.5 (novel PUTATIVE	4915	99.735
:		protein similar to YIL091C yeast hypoyhetical		
		84 kD protein from SGA1-KTR7 intergenic		
65.46		region)	5005	100 000
6546	X79882	Homo sapiens lrp	5825	100.000
6547	L08237	Homo sapiens located at OATL1	191	46.903
6548	AF187318	Homo sapiens F-box protein Fbx2	1950	98.986
6549	AF036702	Caenorhabditis elegans contains weak	285	26.335
		similarity to HIV P17 matrix protein		
6550	75010000	(GB:L35970)	7076	00 007
6550	AB018290	Homo sapiens KIAA0747 protein	7076	99.907
6551	AL050369	Homo sapiens hypothetical protein	3085	98.031
6552	AC005917	Arabidopsis thaliana putative WD-40 repeat	1145	42.472
6553	D06311	protein	1210	F0 507
6553	D26311	Gallus gallus unknown protein	1318	58.537
6554	AF091083	Homo sapiens unknown	1871	99.650
6555	M29581	Homo sapiens zinc finger protein 8 (ZFP8)	3533	96.324
6556	AL096879	Homo sapiens hypothetical protein	616	37.631
6557	AF139682	Homo sapiens putative N6-DNA-	1383	100.000
65.0	V1.61.05	methyltransferase; N6AMT1	1047	56.000
6558	X16135	Homo sapiens L protein (AA 1-558)	1847	56.098
6559	AF156777	Homo sapiens ASB-1 protein	2245	99.110
6560	Z19555	Caenorhabditis elegans cDNA EST yk425a6.3	347	25.818
		comes from this gene; cDNA EST yk406e6.3 comes		
		from this gene; cDNA EST yk425a6.5 comes from		
		this gene; cDNA EST yk480c6.5 comes from this	1	
6561	AL032623	gene; cDNA EST yk406e6.5 comes from this gene Unknown cDNA EST yk331e12.5 comes from this	200	35.338
0201	ALU32623	gene; cDNA EST EMBL:D69131 comes from this	200	33.338
6562	AF069954	gene; cDNA Mus musculus unknown	2305	84.235
6563	AB011139	Homo sapiens KIAA0567 protein	6357	99.183
6564	AF003151	Caenorhabditis elegans No definition line	481	28.231
0.504	VE002121	found	401	20.231
6565	X55684	Lycopersicon esculentum extensin (class I)	98	32.143
6566	AB028968	Homo sapiens KIAA1045 protein	2622	96.471
6567	D63484	Homo sapiens The KIAA0150 gene product is	6425	100.000
1000	484 כטע		0423	100.000
6560	702215	novel.	1232	99.796
6568	Z82215	Homo sapiens dJ6802.2	1232	33./36
6569	Y13492	Nome capiens smoothalin-P	5831	99.346
6570	AL096768	Homo sapiens smoothelin-B Homo sapiens dJ858B16.2 (novel protein similar	2574	99.346
03/0	ALUAD 108	to hamster PSSC (Phosphatidylserine	23/4	""
L	<u> </u>	Leo namerer reac (rmoshuarralizerine	1	

	F	Decarboxylase Proenzyme, EC 4.1.1.65)	1	<u> </u>
6571	AF125099	Homo sapiens HSPC038 protein	466	89.412
6572	AF132964	Homo sapiens CGI-30 protein	1764	94.949
6573	AB029012	Homo sapiens KIAA1089 protein	6572	99.899
6574	X15218	Homo sapiens ski protein (AA 1 - 728)	4677	100.000
6575	AL035461	Homo sapiens dJ967N21.6 (novel CDP-alcohol	1936	99.007
6575	ALUSSAGI	phosphatidyltransferase family member protein)	1930	99.007
6576	U45998	Onchocerca volvulus mitochondrial solute	705	47.489
03/0	043990	carrier	103	47.409
6577	AF091080	Homo sapiens unknown	2120	100.000
6578	Y08200	Homo sapiens rab geranylgeranyl transferase	3709	98.604
6579	AF151868	Homo sapiens CGI-110 protein	813	100.000
6580	X74142	Homo sapiens transcription factor	3301	99.161
6581	AJ132545	Homo sapiens cranscription factor	3757	99.820
6582	M60165	Homo sapiens guanine nucleotide-binding	2297	99.435
0302	1400103	regulatory protein 1	2231	99.433
6583	AF151522	Homo sapiens hairy and enhancer of split	1989	100.000
0303	AF IJIJZZ	related-1	1 20 9	100.000
6584	AJ243460	Leishmania major proteophosphoglycan	182	25.909
6585	AL117664	Homo sapiens hypothetical protein	889	49.508
6586	AF106685	Homo sapiens myelin gene expression factor 2	3579	97.441
6587	AF124490	Homo sapiens ARF GTPase-activating protein	4971	99.081
0307	AF 1244 90	GIT1	49/1	99.001
6588	AC004131	Homo sapiens Unknown gene product	2567	98.020
6589	L77967	Ovis aries small proline-rich protein with	111	46.667
0303	1 177507	paired repeat		40.007
6590	AB011129	Homo sapiens KIAA0557 protein	3444	100.000
6591	AB018310	Homo sapiens KIAA0767 protein	3775	100.000
6592	AB018338	Homo sapiens KIAA0795 protein	2834	94.872
6593	AF079098	Homo sapiens arginine-tRNA-protein transferase	3506	99.611
		1-1p; ATE1-1p		33.011
6594	AJ010119	Homo sapiens Ribosomal protein kinase B (RSK-	4956	98.448
		B)		
6595	AF017777	Drosophila melanogaster helicase	1530	48.423
6596	U96724	Mus musculus putative phosphoinositide 5-	2343	74.145
		phosphatase type II		
6597	U71363	Homo sapiens zinc finger protein zfp6	3057	98.144
6598	Z35227	Homo sapiens small G protein	1247	100.000
6599	AJ133115	Homo sapiens TSC-22-like protein	2583	97.727
6600	AC004798	Homo sapiens R31546 1	4899	99.863
6601	AJ005559	Mus musculus SPR2A protein	158	41.333
6602	X83572	Homo sapiens ARSD	4046	99.157
6603	AF121859	Homo sapiens sorting nexin 9	3985	99.832
6604	AF102166	Homo sapiens intracellular chloride channel	1115	91.905
		CLIC3	<u> </u>]
6605	X68277	Homo sapiens protein-tyrosine phosphatase	2292	97.568
6606	AL117491	Homo sapiens hypothetical protein	9306	100.000
6607	AL117634	Homo sapiens hypothetical protein	1366	100.000
6608	X74226	Rattus norvegicus putative	4435	86.380
6609	U71601	Homo sapiens zinc finger protein zfp47	2291	97.598
6610	X63368	Homo sapiens HSJ1b	2325	99.715
6611	X90530	Homo sapiens ragB	2426	99.465
6612	AB020724	Homo sapiens KIAA0917 protein	3802	95.156
6613	Z29067	Homo sapiens protein kinase	3051	99.564
6614	AB011135	Homo sapiens KIAA0563 protein	5824	99.310
6615	AF061025	Homo sapiens leucine zipper-EF-hand containing	4406	100.000
		transmembrane protein 1	<u> </u>	
6616	L00352	Homo sapiens low density lipoprotein receptor	6091	99.767
6617	AF042831	Homo sapiens forkhead-related transcription	776	100.000

		factor FREAC-10	T	
6618	X65873	Homo sapiens kinesin heavy chain	6033	99.274
6619	M62362	Mus musculus CCAAT/enhancer binding protein	2382	91.479
6620	Y14488	Homo sapiens 14 kDa protein	831	96.124
6621	S58722	Homo sapiens X-linked retinopathy protein {C-terminal, clone XEH.8c}	221	65.000
6622	AJ224997	Rattus norvegicus huntingtin	87	48.276
6623	AB029016	Homo sapiens KIAA1093 protein	8451	99.668
6624	AB027013	Homo sapiens Nucleosome Assembly Protein 1-	3028	99.565
6625	X98258	Homo sapiens M-phase phosphoprotein 9	1112	99.457
6626	U97191	Caenorhabditis elegans strong similarity to the YPT1 sub-family of RAS proteins	1199	85.185
6627	AB006624	Homo sapiens KIAA0286	2841	99.767
6628	AF151805	Homo sapiens CGI-47 protein	2625	100.000
6629	AF106858	Homo sapiens G-protein-coupled receptor	4558	99.134
6630	X76057	Homo sapiens phosphomannose isomerase	2719	99.522
6631	AL049746	Arabidopsis thaliana putative protein	287	19.729
6632	X97064	Homo sapiens Sec23 protein	5093	99.869
6633	L09634	Caenorhabditis elegans putative	205	26.974
6634	AJ005642	Rattus rattus serine protease	930	47.535
6635	AL079310	Homo sapiens hypothetical protein	2994	96.768
6636	X79563	Homo sapiens 8.2 kDa differentiation factor	606	96.907
6637	Z66520	Caenorhabditis elegans similar to ERG-3 like protein	709	38.971
6638	M19529	Sus scrofa follistatin A	2420	98.246
6639	AF060154	Homo sapiens activated B-cell factor-1	1453	99.541
6640	079260	Homo sapiens unknown	284	58.416
6641	AJ249457	Trichomonas vaginalis centrin, putative	193	29.787
6642	AF078850	Homo sapiens steroid dehydrogenase homolog	1967	99.679
6643	AF128625	Homo sapiens CDC42-binding protein kinase beta	1118	99.416
6644	AC004410	Homo sapiens fos39554_1	2699	100.000
6645	AL035541	Homo sapiens dJ718J7.1 (PUTATIVE novel protein similar to Tr:015168)	1407	100.000
6646	AC004537	Homo sapiens similar to tumor suppressor p33ING1; similar to AF044076 (PID:g2829208)	2611	99.265
6647	X03528	Homo sapiens lambda L-chain C region	588	87.736
6648	D12768	Rattus norvegicus Spl	4713	93.932
6649	AF132944	Homo sapiens CGI-10 protein	2956	98.718
6650	AB011136	Homo sapiens KIAA0564 protein	9414	99.584
6651	AB011138	Homo sapiens KIAA0566 protein	7537	99.312
6652	Z92825	Caenorhabditis elegans predicted using Genefinder; cDNA EST yk315e12.3 comes from this gene; cDNA EST yk315e12.5 comes from this gene; cDNA EST yk605b12.3 comes from this gene	655	43.359
6653	AB010491	Homo sapiens natriuretic peptide A type receptor	7000	100.000
6654	D79205	Homo sapiens ribosomal protein L39	238	76.471
6655	D83782	Homo sapiens the KIAA0199 gene is expressed ubiquitously.; the KIAA0199 protein shows similarity to sea urchin hydroxymethylglutalyl-CoA reductase, and retains 8 hydrophobic domains.	8679	100.000
6656	AF016903	Homo sapiens agrin precursor	1433 0	99.557
6657	Z22181	Unknown similar to PH (pleckstrin homology) domain; cDNA EST EMBL:C07493 comes from this gene; cDN	747	50.000

6658	X61045	Hydra sp. mini-collagen	200	36.036
6659	AF019926	Mus musculus protein kinase	2099	89.944
6660	AB020715	Homo sapiens KIAA0908 protein	3301	99.802
6661	AF118838	Homo sapiens citrin; adult-onset type II	4359	100.000
		citrullinemia protein		
6662	U30831	Rattus norvegicus B/K protein	3068	96.835
6663	M26312	Oryctolagus cuniculus unknown protein	162	42.466
6664	L32162	Homo sapiens transcription factor	1758	99.265
6665	X02585	Xenopus laevis unidentified open reading frame	350	62.766
	D07020	2	6443	00 000
6666	D87930	Homo sapiens myosin phosphatase target subunit	6441	99.903
6667	AF036717	Homo sapiens FGFR signalling adaptor SNT-1	3373	99.803
6668	AL050060	Homo sapiens hypothetical protein	2185	99.692
6669	U07151	Homo sapiens ARL3	230	32.090
6670	AL110245	Homo sapiens hypothetical protein	931	64.259
6671	Z72497	Gallus gallus CEPU-1	1817	78.632
6672	AB014590	Homo sapiens KIAA0690 protein	7783	99.013
6673	AF041377	Mus musculus cell death activator CIDE-B	1214	84.793
6674	X79237	Mustela vison ribosomal protein S26	128	57.500
6675	AB007914	Homo sapiens KIAA0445 protein	7847	98.477
6676	X03528	Homo sapiens lambda L-chain C region	588	87.736
6677	AF002223	Homo sapiens myotubularin related 1	4423	99.698
6678	Y10812	Homo sapiens fructose-1,6-bisphosphatase	2073	100.000
6679	AF055000	Homo sapiens unknown	2557	98.297
6680	AF165217	Homo sapiens tropomodulin	2229	99.710
6681	L32162	Homo sapiens transcription factor	532	94.681
6682	AF135028	Homo sapiens kallikrein-like protein 2 KLK-L2	2010	98.639
6683	AL031541	Streptomyces coelicolor putative dehydrogenase	481	37.308
6684 6685	AF084256 U38934	Homo sapiens beta glucuronidase isoform d Gallus gallus histone H2A	182 758	68.182 98.400
6686	AF065215	Homo sapiens cytosolic phospholipase A2 beta	6677	99.306
6687	U76374	Mus musculus skm-BOP2	765	31.808
6688	X71623	Homo sapiens zinc finger	4073	99.825
6689	X68362	Mus musculus Oct-1A protein	3938	88.472
6690	AF132856	Homo sapiens suppressor of G2 allele of skpl	2164	99.701
		homolog		
6691	Y09501	Homo sapiens NADH-cytochrome-b5 reductase	2015	100.000
6692	J04628	Rattus norvegicus 3-hydroxyisobutyrate	2053	90.909
		dehydrogenase		
6693	AB023139	Homo sapiens KIAA0922 protein	5160	98.108
6694	X01655	Homo sapiens type III procollagen (aa 892-	119	37.190
CCOF	W15501	1023)	1106	00.504
6695 6696	Y15521	Homo sapiens start position 1	4126	99.524
0090	AL117496	Homo sapiens hypothetical protein	1090	99.046
6697	X76538	Homo sapiens hMpv17	1172	97.207
6698	AF131826	Homo sapiens Unknown	277	27.667
6699	AL049176	Homo sapiens dA141H5.1 (C-terminal part of a	1786	100.000
		Chordin LIKE protein with von Willebrand		100.000
		factor type C domains)		
6700	AJ133421	Homo sapiens vacuolar protein sorting	3543	99.649
6701	AF125807	Homo sapiens DNA 5'-kinase/3'-phosphatase	3468	99.616
6702	AC004923	Homo sapiens similar to UNC-93; similar to	2082	97.619
		U89424 (PID:g3642687)		
6703	AF151867	Homo sapiens CGI-109 protein	1166	94.608
6704	AF009624	Homo sapiens KIF3-related motor protein	1518	99.160
6705	X92475	Homo sapiens ITBA1	1761	98.855
6706	AL031716	Homo sapiens c360B4.1 (PUTATIVE novel protein	1133	87.143

	· · · · · · · · · · · · · · · · · · ·			
		similar to predicted bacterial and worm		
		proteins)	1	
6707	AF077205	Homo sapiens HSPC019	816	100.000
6708	U79745	Homo sapiens monocarboxylate transporter	3383	99.426
<u> </u>	7.701.0100	homologue MCT6		100 000
6709	AJ010482	Homo sapiens Myopodin protein	5470	100.000
6710	AL049955	Homo sapiens hypothetical protein	1061	81.905
6711	Y16752	Homo sapiens secretagogin	1786	98.913
6712	AB004678	Homo sapiens dihydropyrimidinase	1990	58.382
6713	X51416	Homo sapiens hormone receptor hERR1 (AA 1-521)	3447	99.040
6714	D50911	Homo sapiens The KIAA0121 gene product is novel.	1365	98.571
6715	X99459	Homo sapiens sigma 3 protein	1243	100.000
6716	AJ006591	Homo sapiens cysteine-rich protein	2295	100.000
6717	AL080155	Homo sapiens hypothetical protein	2563	94.771
6718	297653	Homo sapiens c380A1.2.1 (novel protein (isoform 1))	644	45.324
6719	X54232	Homo sapiens glypican	3531	98.571
6720	U17989	Homo sapiens GS2NA	2343	54.331
6721	AF176642	Homo sapiens ubiquitin-specific protease ISG43	2499	99.464
6722	AF117336	Aplysia californica mollusk-derived growth factor; MDGF	1229	38.833
6723	AL050003	Homo sapiens hypothetical protein	1970	100.000
6724	AJ223324	Homo sapiens MAX.3 cell surface antigen	414	32.797
6725	A08695	Homo sapiens rap2	943	93.478
6726	Z12173	Homo sapiens N-acetylglucosamine-6-sulphatase	3750	99.819
6727	AF151814	Homo sapiens CGI-56 protein	703	42.405
6728	M37030	Mus musculus ORF	2258	94.823
6729	D13744	Holotrichia diomphalia holotricin 3	108	59.375
6730	AB007930	Homo sapiens KIAA0461 perotein	8939	96.028
6731	U32575	Rattus norvegicus similar to yeast Sec6p,	4586	94.430
0,51	032373	Swiss-Prot Accession Number P32844; similar to	3000	74.450
		mammalian B94, Swiss-Prot Accession Number		
		Q03169; Method: conceptual translation		
		supplied by author		
6732	D38491	Homo sapiens KIAA0117	1018	78.829
6733	AJ012590	Homo sapiens glucose 1-dehydrogenase	5158	98.235
6734	Z83869	Rattus norvegicus serine/threonine kinase	4210	89.529
6735	X74331	Homo sapiens DNA primase (p58 subunit)	3328	98.821
6736	X68362	Mus musculus Oct-1A protein	3938	88.472
6737	AL080133	Homo sapiens hypothetical protein	7089	99.543
6738	M84725	Rattus norvegicus neuronal protein	1386	96.347
6739	X75316	Mus musculus SEB4	971	64.591
6740	AF151833	Homo sapiens CGI-75 protein	2042	93.017
6741	A58331	Homo sapiens unnamed protein product	2759	98.529
6742	AF153686	Homo sapiens calcium binding protein precursor	1604	97.638
6743	AL008583	Homo sapiens dJ327J16.2 (human ortholog of rat	3295	99.600
		Neuronal Pentraxin Receptor)	3233	
6744	AF151888	Homo sapiens CGI-130 protein	976	81.250
6745	AB017112	Mus musculus mCAC	493	34.185
6746	AL080121	Homo sapiens hypothetical protein	1573	100.000
6747	X04434	Homo sapiens IGF-I receptor	9297	99.854
6748	AJ224538	Homo sapiens AMP-activated protein kinase beta 2 subunit	1812	99.632
6749	AF151829		2052	00 601
6750	M17466	Homo sapiens CGI-71 protein	2052	99.691
6751	AF106473	Homo sapiens coagulation factor XII	4464	100.000
0/21	AC 1004/3	Mus musculus leucine-rich-domain inter-acting	526	70.714
6752	M25826	protein 1; LeR inter-acting protein 1; LEAP1 Kluyveromyces lactis actin	1891	01 422
0732	1452050	Lyrahamides racers activ	TOAT	81.432

6753	U92819	Homo sapiens unnamed HERV-H protein	324	69.512
6754	AF061262	Mus musculus semaf cytoplasmic domain	1644	83.387
		associated protein 2		
6755	AF108831	Homo sapiens K:Cl cotransporter 3	7183	99.909
6756	AF151806	Homo sapiens CGI-48 protein	3348	99.423
6757	AJ004832	Homo sapiens neuropathy target esterase	8691	99.623
6758	AF097439	Mus musculus brain expressed X-linked protein	629	71.318
		2		
6759	AJ005562	Mus musculus SPR2D protein	99	35.556
6760	AF132600	Homo sapiens B-lymphocyte stimulator	1827	100.000
6761	AL079292	Homo sapiens hypothetical protein, similar to (AC007017) putative RNA helicase A	5094	99.752
6762	X07876	Homo sapiens Irp protein (AA 1-360)	2511	99.446
6763	D14592	Rattus norvegicus MAP kinase kinase-related protein	2462	93.216
6764	A65892	unidentified MURINE PSA-99	5941	97.177
6765	Z22819	Mus musculus Rab24 protein	1232	85.470
6766	U79260	Homo sapiens unknown	384	73.626
6767	AL035656	Arabidopsis thaliana putative protein	1383	58.127
6768	Z97029	Homo sapiens ribonuclease HI large subunit	1798	98.333
6769	AC006042	Homo sapiens supported by human ESTs AI681256.1(NID:g4891438),N32168.1(NID:g1152567), and genscan	854	45.278
6770	AL033514	Caenorhabditis elegans predicted using Genefinder; cDNA EST EMBL:D71127 comes from this gene; cDNA EST EMBL:D73731 comes from this gene; cDNA EST yk527c3.3 comes from this gene; cDNA EST yk645b5.3 comes from this gene	991	53.160
6771	A63340	unidentified unnamed protein product	2823	98.081
6772	X67325	Homo sapiens p27	415	87.097
6773	AF133911	Mus musculus ARL-6 interacting protein-4	300	79.688
6774	AF010258	Homo sapiens homeodomain protein	1862	99.632
6775	A37078	Homo sapiens NUCLEOTIDE WITH CORRESPONDING PROTEIN	271	81.132
6776	AF003145	Caenorhabditis elegans No definition line found	690	26.910
6777	AJ005564	Mus musculus SPR2F protein	103	34.694
6778	X85237	Homo sapiens human splicing factor	5383	100.000
6779	AL117496	Homo sapiens hypothetical protein	1092	99.046
6780	AB007447	Homo sapiens Fln29	3992	99.656
6781	X53427	Rattus norvegicus glycogen synthase kinase 3 alpha (AA 1 - 483)	3040	96.488
6782	AC007055	Homo sapiens unknown	2053	100.000
6783	AF184969	Homo sapiens cytokine homolog CYTO7	1263	100.000
6784	AF077038	Homo sapiens unc-50 related protein homolog	1705	97.368
6785	AC004382	Homo sapiens Unknown gene product	1799	81.471
6786	AF045584	Homo sapiens PB39	653	30.114
6787	AF173380	Mus musculus angiotensin II AT2 receptor- interacting protein	2334	86.395
6788	X68596	Homo sapiens parathyroid hormone receptor	4020	100.000
6789	U13021	Homo sapiens ICH-1L	2837	95.302
6790	AB014585	Homo sapiens KIAA0685 protein	5753	95.503
6791	M95178	Homo sapiens alpha-actinin	5377	97.213
6792	U26401	Homo sapiens galactokinase	2454	97.970
6793	D89141	Schizosaccharomyces pombe similar to Saccharomyces cerevisiae hypothetical 27.6KD protein in chromosome VII, SWISS-PROT Accession Number P46948	564	43.802
	L	VICCOSSION MOUNTEL LADAAO	L	L

6794 AP151836 Homo Sapiens CGI-77 protein 1798 100.000 6795 AP02800 Homo Sapiens suppressor of white apricot 4277 99.545 6796 Z46873 Homo Sapiens phosphatidylinositol 3-kinase 5722 97.750 6797 AL030996 Homo Sapiens JD1189BZ4.4 (novel PUTATIVE proteins similar to hypothetical proteins S. pombe C22F3.14C and C. elegans C16A3.8) 7299 99.731 6798 AB015331 Homo Sapiens RHIFE2D17 1301 99.539 6799 AF042752 Gorilla gorilla cytochrome c oxidase subunit JV V 1301 99.539 6800 U18468 Homo sapiens pregnancy-specific beta 1- glycoprotein 4 precursor 2625 97.837 6801 Z14954 Homo sapiens the pregnancy-specific beta 1- glycoprotein 4 precursor 2625 97.837 6803 AF073920 Homo sapiens transforming acidic coiled-coil containing protein 3 6803 AF073920 Homo sapiens regulator of G-protein signaling containing protein 3 3721 98.239 6806 U0837 Homo sapiens BSC007 Homo sapiens similar to the Drosophila splicing regulator, suppressor-of-white-apricot: Swiss-Prot Accession Number P12297 408.8 98.609 6809 AL035905 Homo sapiens spotein kinase 3051 99.862 6811 AC00623 Homo sapiens spotein kinase 3051 99.862 6812 AP073770 Homo sapiens similar to KIAA0304; similar to Ap323 99.862 6812 AP073770 Homo sapiens sermitice octanoyitransferase 3055 99.862 6814 AC06023 Homo sapiens strilite octanoyitra					
		AF151836	Homo sapiens CGI-77 protein	1798	100.000
6796 246973 Home sapiens phosphatidylinositel 3-kinase 5722 97.750 6797 AL030996 Momo sapiens dyll89824/ (novel PUTATIVE 7299 99.731 6798 AB015331 Home sapiens HRIHFB2017 1301 99.539 6799 AF042752 Gorilla gorilla cytochrome c oxidase subunit 551 59.712 6800 U18468 Home sapiens pregnancy-specific beta 1-	6795	AF042800	Homo sapiens suppressor of white apricot	4277	99.545
AL030996					
Protein similar to hypothetical proteins S. pombe C22F3.14C and C. elegans C16A3.8)				5722	
pombe C22F3.14C and C. elegans C16A3.8)	6797	AL030996		7299	99.731
6798 APO15331 Homo sapiens HRIFB2017 1301 99.539 6799 AF042752 Corilla gorilla cytochrome c oxidase subunit IV 551 59.712 6800 U18468 Homo sapiens pregnancy-specific beta 1- glycoprotein 4 precursor 2625 97.837 6801 Z14954 Homo sapiens codes for a 184 aminoacid peptide (BCM) 1211 100.000 6802 AF093543 Homo sapiens transforming acidic coiled-coil containing protein 3 5399 99.404 6803 AF073920 Homo sapiens regulator of G-protein signaling 6 3721 98.239 6804 M99487 Homo sapiens prostate- specific membrane antiquen antiquen 5005 98.800 6805 AF070663 Homo sapiens HSFC007 Homo sapiens HSFC007 1127 99.465 6807 AB025905 Homo sapiens similar to the Drosophila splicing regulator, suppressor-of-white-apricot: Swiss-Prot Accession Number Pl2297 4088 98.609 6808 Z29067 Homo sapiens protein kinase 3051 99.564 6810 AF157562 Homo sapiens similar to KIAA0904; similar to Mono sapiens protein kinase 3051 99.564 6811 AC06023 AHOMO SAPISA SABERS SABE			protein similar to hypothetical proteins S.		
AF042752 Gorilla gorilla cytochrome c oxidase subunit S51 S9.712 IV V V V V V V V V					
IV					
Bod	6799	AF042752		551	59.712
G801 Z14954 Homo sapiens codes for a 184 aminoacid peptide (BCM) Homo sapiens codes for a 184 aminoacid peptide (BCM) GCM) Homo sapiens transforming acidic coiled-coil 5399 99.404 5803 AF073920 Homo sapiens regulator of G-protein signaling 3721 98.239 6804 M99487 Homo sapiens prostate-specific membrane antigen antigen 1127 99.465 6805 AF070663 Homo sapiens HSPC007 Homo sapiens similar to the Drosophila 6185 99.579 89.500 6807 AB025905 Homo sapiens similar to the Drosophila 6185 99.579 89.500 6808 Z29067 Homo sapiens neighbor of A-kinase anchoring 4088 98.609 Protein 95					
Mono sapiens codes for a 184 aminoacid peptide (BCM)	6800	U18468	Homo sapiens pregnancy-specific beta 1-	2625	97.837
(BCM)			glycoprotein 4 precursor		
6802 AF093543 Homo sapiens transforming acidic coiled-coil containing protein 3 5399 99.404 6803 AF073920 Homo sapiens regulator of G-protein signaling antigen 3721 98.239 6804 M99487 Homo sapiens prostate- specific membrane antigen 5005 98.800 6805 AF070663 Homo sapiens HSPC007 1127 99.465 6806 U08377 Homo sapiens similar to the Drosophila splicing regulator, suppressor-of-white-apricot: Swiss-Prot Accession Number P12297 6807 AB025905 Homo sapiens neighbor of A-kinase anchoring protein 95 4088 98.609 6809 AL035295 Homo sapiens protein kinase 3051 99.564 6809 AL035295 Homo sapiens unknown 1057 99.387 6811 AC006023 Homo sapiens similar to KIAA0904; similar to Ap32 4923 99.862 6812 AF073770 Homo sapiens carnitine octanoyltransferase 3986 99.668 6813 AF105369 Homo sapiens similar to E. coli protein PolB/DinA, Swiss-Prot Accession Number Protein PolB/DinA, Swiss-Prot Accession Number Protein PolB/DinA, Swiss-Prot Accession Number Protein PolB/DinA, Swiss-Prot Accession Number Protein PolB/D	6801	Z14954		1211	100.000
Containing protein 3				ļ	
Homo sapiens regulator of G-protein signaling 3721 98.239 68004 M99487 Homo sapiens prostate- specific membrane antigen 1127 99.465 6805 AF070663 Homo sapiens HSPC007 1127 99.465 6806 U08377 Homo sapiens similar to the Drosophila splicing regulator, suppressor-of-white-apricot: Swiss-Prot Accession Number P12297 4088 98.609 229067 Homo sapiens protein kinase 3051 99.564 6809 AL035295 Homo sapiens protein kinase 3051 99.564 6810 AF157562 Homo sapiens protein kinase 3051 99.367 6811 AC006023 Homo sapiens similar to KIAA0904; similar to AAA58424 (PID:g180492) AAF105369 Homo sapiens carnitine octanoyltransferase 3986 99.668 39.6813 AF105369 Homo sapiens actin-associated protein 3055 95.591 2541/kaptin Fseudomonas acruginosa similar to E. coli protein PolB/DinA, Swiss-Prot Accession Number P21189 6816 AB020636 Homo sapiens Runt domain containing protein 2668 98.795 6818 X03528 Homo sapiens Runt domain containing protein 2668 98.795 6819 AC007087 Arabidopsis thaliana unknown protein 2668 98.795 6820 Y12781 Homo sapiens Runt domain containing protein 2669 99.494 6821 AF030227 Homo sapiens Runt domain containing protein 2669 99.795 6820 Y12781 Homo sapiens Runt domain containing protein 2669 99.795 6820 Y12781 Homo sapiens Runt domain containing protein 2669 99.795 6820 Y12781 Homo sapiens Runt domain containing protein 2669 99.795 6820 Y12781 Homo sapiens Runt domain containing protein 2669 99.795 6820 Y12781 Homo sapiens Runt domain containing protein 2669 99.795 6820 Y12781 Homo sapiens Runt domain containing protein 2669 99.795 6820 Y12781 Homo sapiens Polaba P100000 Y12781 Homo sapiens Runt domain containing protein 2669 99.795 6820 Y12781 Homo sapiens P0180 Y12781 Y12781 Y12781 Y12781 Y12781 Y12781 Y12781 Y12781 Y12781 Y12781 Y12781 Y12781 Y12781 Y12781 Y12781 Y	6802	AF093543		5399	99.404
6804 M99487 Homo sapiens prostate- specific membrane 5005 98.800 antigen 1127 99.465 6806 W8377 Homo sapiens HSPC007 1127 99.465 6806 W8377 Homo sapiens similar to the Drosophila 5015 5915 5916		7.7.7.000	containing protein 3		
6804 M99487 Homo sapiens prostate- specific membrane antigen 5005 98.800 6805 AF070663 Homo sapiens HSPC007 1127 99.465 6806 U08377 Homo sapiens similar to the Drosophila splicing regulator, suppressor-of-white-apricot: Swiss-Prot Accession Number P12297 6185 99.579 6807 AB025905 Homo sapiens neighbor of A-kinase anchoring protein 95 408 98.609 6808 Z29067 Homo sapiens protein kinase 3051 99.564 6810 AF157562 Homo sapiens similar to KIAA0904; similar to AP157562 Homo sapiens similar to KIAA0904; similar to AP23 99.862 6811 AC006023 Homo sapiens carnitine octanoyltransferase 3986 99.668 6812 AF073770 Homo sapiens actin-associated protein 3055 95.591 6814 A14656 synthetic construct protein antigen 1882 99.647 6815 U15370 Pseudomonas aeruginosa similar to E. coli protein PolB/DinA, Swiss-Prot Accession Number P21189 130 45.946 6817 235278 Homo sapiens KIAA0829 protein 7599 99.915	6803	AF0/3920		3721	98.239
AF070663 Homo sapiens HSPC007 1127 99.465	C004	1400407			100 000
6805 AF070663 Homo sapiens HSPC007 1127 99.465 6806 U08377 Homo sapiens similar to the Drosophila splicing regulator, suppressor-of-white-apricot: Swiss-Prot Accession Number P12297 6185 99.579 6807 AB025905 Homo sapiens neighbor of A-kinase anchoring protein 95 4088 98.609 6808 Z29067 Homo sapiens protein kinase protein kinase mchoring protein 95 3051 99.564 6809 AL035295 Homo sapiens protein kinase mchoring protein mchoring protein protein mchoring mc	0804	M99487		5005	98.800
Beautiful	6005	AE070662		1107	00 465
Splicing regulator, suppressor-of-white-apricot: Swiss-Prot Accession Number P12297 A8025905 Homo sapiens neighbor of A-kinase anchoring protein 95 A1035295 Homo sapiens protein kinase 3051 99.564					
AB025905 Homo sapiens neighbor of A-kinase anchoring protein 95 98.609	0000	000377		0182	99.579
6807 AB025905 Homo sapiens neighbor of A-kinase anchoring protein 95 4088 98.609 6808 Z29067 Homo sapiens protein kinase 3051 99.564 6809 AL035295 Homo sapiens hypothetical protein 751 94.215 6810 AF157562 Homo sapiens unknown 1057 99.387 6811 AC006023 Homo sapiens similar to KIAA0904; similar to App. 39.862 4923 99.862 6812 AF073770 Homo sapiens carnitine octanoyltransferase 3986 99.668 6813 AF105369 Homo sapiens actin-associated protein 3055 95.591 6814 A14656 synthetic construct protein antigen 1882 99.647 6815 U15370 Pseudomonas aeruginosa similar to E. coli protein PolB/DinA, Swiss-Prot Accession Number P21189 130 45.946 6816 AB020636 Homo sapiens KIAA0829 protein 7599 99.915 6817 Z35278 Homo sapiens Runt domain containing protein 2668 98.795 6818 X03528 Homo sapiens Pant domain containing protein 246					
Protein 95 Homo sapiens protein kinase 3051 99.564	6807	AB025905		1000	00 600
6808 Z29067 Homo sapiens protein kinase 3051 99.564 6809 AL035295 Homo sapiens hypothetical protein 751 94.215 6810 AF157562 Homo sapiens unknown 1057 99.387 6811 AC006023 Homo sapiens similar to KIAA0904; similar to 4923 99.862 6812 AF073770 Homo sapiens carnitine octanoyltransferase 3966 99.668 6813 AF105369 Homo sapiens actin-associated protein 3055 95.591 6814 A14656 synthetic construct protein antigen 1882 99.647 6815 U15370 Pseudomonas aeruginosa similar to E. coli protein PolB/DinA, Swiss-Prot Accession Number P21189 7599 99.915 6816 AB020636 Homo sapiens Runt domain containing protein 2668 98.795 6818 X03528 Homo sapiens Runt domain containing protein 2668 98.795 6819 AC007087 Arabidopsis thaliana unknown protein 246 23.589 6820 Y12781 Homo sapiens transducin (beta) like 1 protein 3607 99.449	0007	AB023903		4000	90.009
6809 AL035295 Homo sapiens hypothetical protein 751 94.215 6810 AF157562 Homo sapiens unknown 1057 99.387 6811 AC006023 Homo sapiens similar to KIAA0904; similar to 4923 99.862 6812 AF073770 Homo sapiens carnitine octanoyltransferase 3966 99.668 6813 AF105369 Homo sapiens actin-associated protein 3055 95.591 6814 A14656 synthetic construct protein antigen 1882 99.647 6815 U15370 Pseudomonas aeruginosa similar to E. coli protein PolB/DinA, Swiss-Prot Accession Number P21189 130 45.946 6816 AB020636 Homo sapiens KIAA0829 protein 7599 99.915 6817 Z35278 Homo sapiens Runt domain containing protein 2668 98.795 6818 X03528 Homo sapiens lambda L-chain C region 588 87.736 6819 AC007087 Arabidopsis thaliana unknown protein 246 23.589 6820 Y12781 Homo sapiens transducin (beta) like 1 protein 3607 99.449	6808	729067		3051	99 564
6810 AF157562 Homo sapiens unknown 1057 99.387 6811 AC006023 Homo sapiens similar to KIAA0904; similar to AAA58424 (PID:g180492) 4923 99.862 6812 AF073770 Homo sapiens carnitine octanoyltransferase 3986 99.668 6813 AF105369 Homo sapiens actin-associated protein 2264/kaptin 3055 95.591 6814 A14656 synthetic construct protein antigen 1882 99.647 6815 U15370 Pseudomonas aeruginosa similar to E. coli protein PolB/DinA, Swiss-Prot Accession Number P21189 130 45.946 6817 235278 Homo sapiens KIAA0829 protein 7599 99.915 6818 X03528 Homo sapiens Runt domain containing protein 2668 98.795 6819 AC007087 Arabidopsis thaliana unknown protein 246 23.589 6820 Y12781 Homo sapiens vav protein 5649 99.764 6821 AF030227 Homo sapiens RNA binding protein 4687 100.000 6823 A6899 Homo sapiens Buntingtin interacting protein 153					
6811 AC006023 Homo sapiens similar to KIAA0904; similar to AAA58424 (PID:g180492) 4923 99.862 6812 AF073770 Homo sapiens carnitine octanoyltransferase 3986 99.668 6813 AF105369 Homo sapiens actin-associated protein 3055 95.591 6814 A14656 synthetic construct protein antigen 1882 99.647 6815 U15370 Pseudomonas aeruginosa similar to E. coli protein PolB/DinA, Swiss-Prot Accession Number P21189 130 45.946 6816 AB020636 Homo sapiens KIAA0829 protein 7599 99.915 6817 235278 Homo sapiens Runt domain containing protein 2668 98.795 6818 X03528 Homo sapiens lambda L-chain C region 588 87.736 6819 AC007087 Arabidopsis thaliana unknown protein 246 23.589 6820 Yi2781 Homo sapiens vav protein 5649 99.764 6821 AF030227 Homo sapiens RNA binding protein 4687 100.000 6823 V00638 bacteriophage lambda reading frame eal0 799					
6812 AF073770 Homo sapiens carnitine octanoyltransferase 3986 99.668 6813 AF105369 Homo sapiens carnitine octanoyltransferase 3055 95.591 6814 A14656 synthetic construct protein antigen 1882 99.647 6815 U15370 Pseudomonas aeruginosa similar to E. coli protein PolB/DinA, Swiss-Prot Accession Number P21189 130 45.946 6816 AB020636 Homo sapiens KIAA0829 protein 7599 99.915 6817 Z35278 Homo sapiens Runt domain containing protein 2668 98.795 6818 X03528 Homo sapiens lambda L-chain C region 588 87.736 6819 AC007087 Arabidopsis thaliana unknown protein 246 23.589 6820 Y12781 Homo sapiens vav protein 5649 99.764 6821 AF030227 Homo sapiens RNA binding protein 4687 100.000 6823 V00638 bacteriophage lambda reading frame eal0 799 99.180 6824 AE000406 Escherichia coli putative DNA topoisomerase 1219 100.000					
6812 AF073770 Homo sapiens carnitine octanoyltransferase 3986 99.668 6813 AF105369 Homo sapiens actin-associated protein 3055 95.591 2E4/kaptin 2E4/kaptin 1882 99.647 6814 A14656 synthetic construct protein antigen 1882 99.647 6815 U15370 Pseudomonas aeruginosa similar to E. coli protein PolB/DinA, Swiss-Prot Accession Number P21189 130 45.946 6816 AB020636 Homo sapiens KIAA0829 protein 7599 99.915 6817 235278 Homo sapiens Runt domain containing protein 2668 98.795 6818 X03528 Homo sapiens lambda L-chain C region 588 87.736 6819 AC007087 Arabidopsis thaliana unknown protein 246 23.589 6820 Y12781 Homo sapiens vav protein 5649 99.764 6821 AF030227 Homo sapiens RNA binding protein 4687 100.000 6823 V00638 bacteriophage lambda reading frame eal0 799 99.180 6825 AF0491	0011	ACOUOLS		4923	99.002
AF105369	6812	AF073770		3986	99 668
6814 A14656 synthetic construct protein antigen 1882 99.647 6815 U15370 Pseudomonas aeruginosa similar to E. coli protein PolB/DinA, Swiss-Prot Accession Number P21189 130 45.946 6816 AB020636 Homo sapiens KIAA0829 protein 7599 99.915 6817 Z35278 Homo sapiens Runt domain containing protein 2668 98.795 6818 X03528 Homo sapiens lambda L-chain C region 588 87.736 6819 AC007087 Arabidopsis thaliana unknown protein 246 23.589 6820 Y12781 Homo sapiens transducin (beta) like l protein 3607 99.449 6821 AF030227 Homo sapiens RNA binding protein 4687 100.000 6823 V00638 bacteriophage lambda reading frame eal0 799 99.180 6824 AE000406 Escherichia coli putative DNA topoisomerase 1219 100.000 6825 AF049103 Homo sapiens Huntingtin interacting protein 1153 99.435 6826 AF086608 Rattus norvegicus neurestin beta 296 32.738 6827 M55593 Homo sapiens DNA mismatch re					
6814 A14656 synthetic construct protein antigen 1882 99.647 6815 U15370 Pseudomonas aeruginosa similar to E. coli protein PolB/DinA, Swiss-Prot Accession Number P21189 130 45.946 6816 AB020636 Homo sapiens KIAA0829 protein 7599 99.915 6817 Z35278 Homo sapiens Runt domain containing protein 2668 98.795 6818 X03528 Homo sapiens lambda L-chain C region 588 87.736 6819 AC007087 Arabidopsis thaliana unknown protein 246 23.589 6820 Y12781 Homo sapiens transducin (beta) like 1 protein 3607 99.449 6821 AF030227 Homo sapiens RNA binding protein 4687 100.000 6823 V0638 bacteriophage lambda reading frame eal0 799 99.180 6824 AE000406 Escherichia coli putative DNA topoisomerase 1219 100.000 6825 AF049103 Homo sapiens Huntingtin interacting protein 1153 99.435 6826 AF086608 Rattus norvegicus neurestin beta 296 32					33.331
6815 U15370 Pseudomonas aeruginosa similar to E. coli protein PolB/DinA, Swiss-Prot Accession Number P21189 130 45.946 6816 AB020636 Homo sapiens KIAA0829 protein 7599 99.915 6817 Z35278 Homo sapiens Runt domain containing protein 2668 98.795 6818 X03528 Homo sapiens lambda L-chain C region 588 87.736 6819 AC007087 Arabidopsis thaliana unknown protein 246 23.589 6820 Y12781 Homo sapiens transducin (beta) like 1 protein 3607 99.449 6821 AF030227 Homo sapiens RNA binding protein 4687 100.000 6823 V00638 bacteriophage lambda reading frame eal0 799 99.180 6824 AE000406 Escherichia coli putative DNA topoisomerase 1219 100.000 6825 AF049103 Homo sapiens Huntingtin interacting protein 1153 99.435 6826 AF086608 Rattus norvegicus neurestin beta 296 32.738 6827 M55593 Homo sapiens type IV collagenase 4683 100.	6814	A14656		1882	99.647
Protein PolB/DinA, Swiss-Prot Accession Number P21189 Pol189					
P21189 P21189 P3189 P3180 P3					
6817 Z35278 Homo sapiens Runt domain containing protein 2668 98.795 6818 X03528 Homo sapiens lambda L-chain C region 588 87.736 6819 AC007087 Arabidopsis thaliana unknown protein 246 23.589 6820 Y12781 Homo sapiens transducin (beta) like 1 protein 3607 99.449 6821 AF030227 Homo sapiens vav protein 5649 99.764 6822 X66899 Homo sapiens RNA binding protein 4687 100.000 6823 V00638 bacteriophage lambda reading frame eal0 799 99.180 6824 AE000406 Escherichia coli putative DNA topoisomerase 1219 100.000 6825 AF049103 Homo sapiens Huntingtin interacting protein 1153 99.435 6826 AF086608 Rattus norvegicus neurestin beta 296 32.738 6827 M55593 Homo sapiens type IV collagenase 4683 100.000 6828 D85884 Homo sapiens DNA mismatch repair protein 4779 99.603 6830 <td< td=""><td></td><td></td><td>P21189</td><td></td><td></td></td<>			P21189		
6817 Z35278 Homo sapiens Runt domain containing protein 2668 98.795 6818 X03528 Homo sapiens lambda L-chain C region 588 87.736 6819 AC007087 Arabidopsis thaliana unknown protein 246 23.589 6820 Y12781 Homo sapiens transducin (beta) like 1 protein 3607 99.449 6821 AF030227 Homo sapiens vav protein 5649 99.764 6822 X66899 Homo sapiens RNA binding protein 4687 100.000 6823 V00638 bacteriophage lambda reading frame eal0 799 99.180 6824 AE000406 Escherichia coli putative DNA topoisomerase 1219 100.000 6825 AF049103 Homo sapiens Huntingtin interacting protein 1153 99.435 6826 AF086608 Rattus norvegicus neurestin beta 296 32.738 6827 M55593 Homo sapiens type IV collagenase 4683 100.000 6828 D85884 Homo sapiens DNA mismatch repair protein 4779 99.603 6830 <td< td=""><td>6816</td><td>AB020636</td><td>Homo sapiens KIAA0829 protein</td><td>7599</td><td>99.915</td></td<>	6816	AB020636	Homo sapiens KIAA0829 protein	7599	99.915
6818 X03528 Homo sapiens lambda L-chain C region 588 87.736 6819 AC007087 Arabidopsis thaliana unknown protein 246 23.589 6820 Y12781 Homo sapiens transducin (beta) like 1 protein 3607 99.449 6821 AF030227 Homo sapiens vav protein 5649 99.764 6822 X66899 Homo sapiens RNA binding protein 4687 100.000 6823 V00638 bacteriophage lambda reading frame eal0 799 99.180 6824 AE000406 Escherichia coli putative DNA topoisomerase 1219 100.000 6825 AF049103 Homo sapiens Huntingtin interacting protein 1153 99.435 6826 AF086608 Rattus norvegicus neurestin beta 296 32.738 6827 M55593 Homo sapiens type IV collagenase 4683 100.000 6828 D85884 Homo sapiens DNA mismatch repair protein 4779 99.603 6830 D31765 Homo sapiens KIAA0061 6234 100.000 6831 AL009191	6817	Z35278		2668	98.795
6820 Y12781 Homo sapiens transducin (beta) like 1 protein 3607 99.449 6821 AF030227 Homo sapiens vav protein 5649 99.764 6822 X66899 Homo sapiens RNA binding protein 4687 100.000 6823 V00638 bacteriophage lambda reading frame eal0 799 99.180 6824 AE000406 Escherichia coli putative DNA topoisomerase 1219 100.000 6825 AF049103 Homo sapiens Huntingtin interacting protein 1153 99.435 6826 AF086608 Rattus norvegicus neurestin beta 296 32.738 6827 M55593 Homo sapiens type IV collagenase 4683 100.000 6828 D85884 Homo sapiens glutamate transporter 3642 99.652 6829 U40978 Homo sapiens KIAA0061 6234 100.000 6831 AL009191 Unknown /prediction=(method:""genefinder"", version:""084""); /prediction=(method:""genscan"", ve 456 30.056 6832 AF109719 Mus musculus unknown 1430 75.850	6818	X03528		588	87.736
6821 AF030227 Homo sapiens vav protein 5649 99.764 6822 X66899 Homo sapiens RNA binding protein 4687 100.000 6823 V00638 bacteriophage lambda reading frame eal0 799 99.180 6824 AE000406 Escherichia coli putative DNA topoisomerase 1219 100.000 6825 AF049103 Homo sapiens Huntingtin interacting protein 1153 99.435 6826 AF086608 Rattus norvegicus neurestin beta 296 32.738 6827 M55593 Homo sapiens type IV collagenase 4683 100.000 6828 D85884 Homo sapiens glutamate transporter 3642 99.652 6829 U40978 Homo sapiens KIAA0061 4779 99.603 6830 D31765 Homo sapiens KIAA0061 6234 100.000 6831 AL009191 Unknown /prediction=(method:""genefinder"", version:""084""); /prediction=(method:""genscan"", ve 456 30.056 6832 AF109719 Mus musculus unknown 1430 75.850	6819	AC007087	Arabidopsis thaliana unknown protein	246	23.589
6822 X66899 Homo sapiens RNA binding protein 4687 100.000 6823 V00638 bacteriophage lambda reading frame eal0 799 99.180 6824 AE000406 Escherichia coli putative DNA topoisomerase 1219 100.000 6825 AF049103 Homo sapiens Huntingtin interacting protein 1153 99.435 6826 AF086608 Rattus norvegicus neurestin beta 296 32.738 6827 M55593 Homo sapiens type IV collagenase 4683 100.000 6828 D85884 Homo sapiens glutamate transporter 3642 99.652 6829 U40978 Homo sapiens DNA mismatch repair protein homolog 4779 99.603 6830 D31765 Homo sapiens KIAA0061 6234 100.000 6831 AL009191 Unknown /prediction=(method:""genefinder"", version:""084""); /prediction=(method:""genscan"", ve 456 30.056 6832 AF109719 Mus musculus unknown 1430 75.850	6820	Y12781	Homo sapiens transducin (beta) like 1 protein	3607	99.449
6823 V00638 bacteriophage lambda reading frame eal0 799 99.180 6824 AE000406 Escherichia coli putative DNA topoisomerase 1219 100.000 6825 AF049103 Homo sapiens Huntingtin interacting protein 1153 99.435 6826 AF086608 Rattus norvegicus neurestin beta 296 32.738 6827 M55593 Homo sapiens type IV collagenase 4683 100.000 6828 D85884 Homo sapiens glutamate transporter 3642 99.652 6829 U40978 Homo sapiens DNA mismatch repair protein homolog 4779 99.603 6830 D31765 Homo sapiens KIAA0061 6234 100.000 6831 AL009191 Unknown /prediction=(method:""genefinder"", version:""084""); /prediction=(method:""genscan"", ve 456 30.056 6832 AF109719 Mus musculus unknown 1430 75.850	6821	AF030227	Homo sapiens vav protein	5649	99.764
6823 V00638 bacteriophage lambda reading frame eal0 799 99.180 6824 AE000406 Escherichia coli putative DNA topoisomerase 1219 100.000 6825 AF049103 Homo sapiens Huntingtin interacting protein 1153 99.435 6826 AF086608 Rattus norvegicus neurestin beta 296 32.738 6827 M55593 Homo sapiens type IV collagenase 4683 100.000 6828 D85884 Homo sapiens glutamate transporter 3642 99.652 6829 U40978 Homo sapiens DNA mismatch repair protein homolog 4779 99.603 6830 D31765 Homo sapiens KIAA0061 6234 100.000 6831 AL009191 Unknown /prediction=(method:""genefinder"", version:""084""); /prediction=(method:""genscan"", ve 456 30.056 6832 AF109719 Mus musculus unknown 1430 75.850			Homo sapiens RNA binding protein		
6825 AF049103 Homo sapiens Huntingtin interacting protein 1153 99.435 6826 AF086608 Rattus norvegicus neurestin beta 296 32.738 6827 M55593 Homo sapiens type IV collagenase 4683 100.000 6828 D85884 Homo sapiens glutamate transporter 3642 99.652 6829 U40978 Homo sapiens DNA mismatch repair protein homolog 4779 99.603 6830 D31765 Homo sapiens KIAA0061 6234 100.000 6831 AL009191 Unknown /prediction=(method:""genefinder"", version: ""084""); /prediction=(method:""genscan"", ve 456 30.056 6832 AF109719 Mus musculus unknown 1430 75.850		V00638	bacteriophage lambda reading frame eal0	799	
6826 AF086608 Rattus norvegicus neurestin beta 296 32.738 6827 M55593 Homo sapiens type IV collagenase 4683 100.000 6828 D85884 Homo sapiens glutamate transporter 3642 99.652 6829 U40978 Homo sapiens DNA mismatch repair protein homolog 4779 99.603 6830 D31765 Homo sapiens KIAA0061 6234 100.000 6831 AL009191 Unknown /prediction=(method:""genefinder"", version: ""084""); /prediction=(method:""genscan"", ve 456 30.056 6832 AF109719 Mus musculus unknown 1430 75.850		AE000406	Escherichia coli putative DNA topoisomerase	1219	100.000
6826 AF086608 Rattus norvegicus neurestin beta 296 32.738 6827 M55593 Homo sapiens type IV collagenase 4683 100.000 6828 D85884 Homo sapiens glutamate transporter 3642 99.652 6829 U40978 Homo sapiens DNA mismatch repair protein homolog 4779 99.603 6830 D31765 Homo sapiens KIAA0061 6234 100.000 6831 AL009191 Unknown /prediction=(method:""genefinder"", version: ""084""); /prediction=(method:""genscan"", ve 456 30.056 6832 AF109719 Mus musculus unknown 1430 75.850				1153	99.435
6828 D85884 Homo sapiens glutamate transporter 3642 99.652 6829 U40978 Homo sapiens DNA mismatch repair protein homolog 4779 99.603 6830 D31765 Homo sapiens KIAA0061 6234 100.000 6831 AL009191 Unknown /prediction=(method:""genefinder"", version: ""084""); /prediction=(method:""genscan"", ve 456 30.056 6832 AF109719 Mus musculus unknown 1430 75.850				296	32.738
6829 U40978 Homo sapiens DNA mismatch repair protein homolog 4779 99.603 6830 D31765 Homo sapiens KIAA0061 6234 100.000 6831 AL009191 Unknown /prediction=(method:""genefinder"", version: ""084""); /prediction=(method:""genscan"", ve 456 30.056 6832 AF109719 Mus musculus unknown 1430 75.850					100.000
homolog 6830 D31765 Homo sapiens KIAA0061 6234 100.000 6831 AL009191 Unknown /prediction=(method:""genefinder"", 456 30.056 version:""084""); /prediction=(method:""genscan"", ve 6832 AF109719 Mus musculus unknown 1430 75.850				3642	99.652
6830 D31765 Homo sapiens KIAA0061 6234 100.000 6831 AL009191 Unknown /prediction=(method:""genefinder"", version: ""084""); /prediction=(method:""genscan"", ve 6832 AF109719 Mus musculus unknown 1430 75.850	6829	U40978		4779	99.603
6831 AL009191 Unknown /prediction=(method:""genefinder"", version:""084""); /prediction=(method:""genscan"", ve 6832 AF109719 Mus musculus unknown 1430 75.850			· · · · · · · · · · · · · · · · · · ·		
version: ""084""); /prediction= (method: ""genscan"", ve 6832 AF109719 Mus musculus unknown 1430 75.850					
/prediction=(method:""genscan"", ve 1430 75.850 6832 AF109719 Mus musculus unknown 1430 75.850	6831	AL009191		456	30.056
6832 AF109719 Mus musculus unknown 1430 75.850					
				1	
b833 U/1U/5 Homo sapiens protein tyrosine phosphatase 9516 97.524					
	6833	10/10/2	Homo sapiens protein tyrosine phosphatase	19516	97.524

	<u> </u>	receptor omicron	1	
6834	AL096768	Homo sapiens dJ858B16.2 (novel protein similar	2528	98.408
0034	ALO 30 700	to hamster PSSC (Phosphatidylserine	2320	30.400
		Decarboxylase Proenzyme, EC 4.1.1.65)		
6835	X57351	Homo sapiens 1-8D	819	96.970
6836	U06632	Homo sapiens p80-coilin	3729	99.307
6837	AC005594	Homo sapiens R26984 1	3433	98.641
6838	L49054	Homo sapiens t(3;5)(q25.1;p34) fusion gene	1712	98.885
6839	226317	Homo sapiens desmoglein 2	7096	99.015
6840	S72869	Homo sapiens putative cytoskeletal	3805	99.316
0010	0,2003	protein=H4(D10S170)		33.010
6841	AF044195	Homo sapiens IkappaB kinase complex associated	8837	99.775
		protein; IKAP		
6842	M62415	Pseudopleuronectes americanus HPLC6	114	39.623
6843	X73113	Homo sapiens fast MyBP-C	7378	98.953
6844	AF083249	Homo sapiens Rb binding protein homolog	4573	98.670
6845	M64934	Homo sapiens kell blood group protein	4481	96.744
6846	AJ005162	Homo sapiens UDP-glucuronosyltransferase	3555	99.811
6847	AB011097	Homo sapiens KIAA0525 protein	5680	99.654
6848	M55614	Homo sapiens TK14 protein	5498	99.757
6849	U15155	Gallus gallus trypsinogen	459	37.500
6850	AB018320	Homo sapiens KIAA0777 protein	7314	98.268
6851	AF018956	Homo sapiens neuropilin	6334	99.783
6852	X00776	Escherichia coli lipoprotein signal peptidase	1071	99.390
6853	AE000236	Escherichia coli putative enzyme	1457	94.902
6854	D86974	Homo sapiens KIAA0220	3648	99.458
6855	X07936	Homo sapiens epoxide hydrolase (AA 1-455)	2732	98.253
6856	Z11518	Homo sapiens histidyl-tRNA synthetase	3185	98.232
6857	M84725	Rattus norvegicus neuronal protein	1386	96.347
6858	AF097025	Homo sapiens cysteine desulfurase	2961	98.687
6859	AL117424	Homo sapiens hypothetical protein	1640	100.000
6860	AJ236885	Homo sapiens ZBP-89 protein	5179	99.748
6861	M74002	Homo sapiens arginine-rich nuclear protein	467	34.495
6862	U05812	Herpetomonas muscarum 3'-end	115	31.325
6863	L06505	Homo sapiens ribosomal protein L12	627	66.460
6864	Y08769	Rattus norvegicus microvascular endothelial	151	47.761
		differentiation gene 2		
6865	X82260	Homo sapiens RanGAP1	3708	99.830
6866	Y13186	Homo sapiens dystrophin	142	71.429
6867	M15386	Homo sapiens gamma-globin	522	70.175
6868	U79260	Homo sapiens unknown	203	50.794
6869	AB023179	Homo sapiens KIAA0962 protein	4135	99.049
6870	Y08162	Homo sapiens heptahelix receptor	316	25.364
6871	U18745	Homo sapiens corticostatin/defensin HP-4	330	56.522
		precursor		
6872	X55777	Homo sapiens put. ORF	360	62.921
6873	L01664	Homo sapiens lysophospholipase	441	47.143
6874	AF081110	Mus musculus domesticus ORF2	194	47.761
6875	U23452	Caenorhabditis elegans No definition line	631	33.758
		found		
6876	M19419	Mus musculus proline-rich salivary protein	207	36.496
6877	AL031907	Schizosaccharomyces pombe hypothetical protein	275	26.531
6878	AF033664	Mus musculus cbp146	1197	83.491
6879	AB023167	Homo sapiens KIAA0950 protein	982	48.071
6880	Z72946	Saccharomyces cerevisiae ORF YGR159c	236	44.660
6881	AP000060	Aeropyrum pernix 108aa long hypothetical	144	31.731
		protein		
			1	F3 634
6882	AF064604	Homo sapiens KE03 protein	459	51.634

6884	M15530	Homo sapiens B-cell growth factor	162	41.758
6885	AC002294	Arabidopsis thaliana Unknown protein	721	50.000
6886	AJ243460	Leishmania major proteophosphoglycan	173	28.319
6887	J04076	Homo sapiens early growth response 2 protein	167	24.468
6888	M17294	Human herpesvirus 4 unknown protein	172	33.161
6889	AF138957	Bos taurus type II collogen cyanogen bromide	154	32.061
0003		fragment CB8	101	32.001
6890	AB023201	Homo sapiens KIAA0984 protein	4765	98.072
6891	U41557	Caenorhabditis elegans glycine-rich	134	46.429
6892	AB030237	Canis familiaris D4 dopamine receptor	126	36.667
6893_	U58658	Homo sapiens unknown	296	65.385
6894	M97662	Rattus norvegicus beta-alanine synthase	2276	83.206
6895	AB028972	Homo sapiens KIAA1049 protein	3676	98.919
6896	X64897	Bos taurus MLRQ subunit of the NADH: ubiquinone oxidoreductase complex	343	64.935
6897	AF172328	Homo sapiens unknown	679	97.895
6898	U26358	Rattus norvegicus S100Al gene product	420	55.556
6899	AF174394	Homo sapiens apoptotic-related protein PCAR	66	36.957
6900	235093	Homo sapiens SURF-1	1818	92.593
6901	AL096725	Homo sapiens hypothetical protein	1120	97.576
6902	AF044923	Homo sapiens hookl protein	4543	93.565
6903	Z99494	Mycobacterium leprae hypothetical protein	110	33.684
	:	MLCB57.05c	110	
6904	Z79695	Unknown Similarity to Yeast hypothetical	1020	47.500
		protein YOR316OW (TR:E217727); cDNA EST EMBL:T00498 comes		
6905	L78671	Homo sapiens CoxII/D-loop DNA fusion protein	513	91.358
6906	AF174481	Typhlonectes natans gonadotropin-releasing	405	45.033
6906	AF1/4401	hormone receptor	405	45.033
6907	Z95620	Schizosaccharomyces pombe putative dna binding protein	267	36.364
6908	S85655	Homo sapiens prohibitin	273	64.706
6909	L08816	Hepatitis E virus poly-proline hinge	80	33.333
6910	AF072508	Homo sapiens envelope protein	178	44.776
6911	X17400	Mus sp. TIS7 protein (AA 1-449)	2606	93.381
6912	X54518	Gossypium hirsutum late embryogenesis abundant protein	109	32.000
6913	AF041060	Mus musculus co-chaperone mt-GrpE#2 precursor	1228	83.929
6914	Z74029	Unknown Similarity to C.elegans alcohol	778	66.484
		dehydrogenase (WP:C17G10.8); cDNA EST EMBL:D66106 comes fro		
6915	AB018423	Mus musculus SH2 domain-containing protein	1772	76.453
6916	U49973	Homo sapiens ORF1; MER37; putative transposase	230	30.147
6917	Z73497	similar to pogo element Homo sapiens cU240C2.1 (Core histone	738	83.803
0917	2/349/	H2A/H2B/H3/H4)	/30	03.803
6918	U63542	Homo sapiens FAP protein	217	70.455
6919	U97553	murine herpesvirus 68 unknown	144	39.189
6920	AF125569	Homo sapiens tumor suppressing STF cDNA 6	961	97.203
6921	M11759	Lycopersicon esculentum cell wall hydroxyproline-rich glycoprotein	91	41.667
6922	X72963	Nicotiana tabacum pAP8 product	149	33.333
6923	Z83246	Caenorhabditis elegans predicted using	1147	59.524
<i>5723</i>	200210	Genefinder; cDNA EST EMBL:M79771 comes from this gene	****/	33.324
6924	J01055	Chironomus tentans giant secretory protein	138	29.078
6925	X55777	Homo sapiens put. ORF	365	63.218
6926	U61947	Caenorhabditis elegans No definition line	124	32.051
		found		

6007	1 7 70 600 66	I.v. 1	110	134 403
6927	AF063866	Melanoplus sanguinipes entomopoxvirus ORF MSV233 hypothetical protein	110	34.483
6928	X98485	Plasmodium vivax putative	112	30.208
6929	X16282	Homo sapiens zinc finger protein (217 AA) (1	1420	97.512
0,20	1110202	is 2nd base in codon)	1120	37.012
6930	U88368	Sus scrofa inositol(1,3,4,5)tetrakisphosphate	1054	59.919
		receptor		
6931	Z92539	Mycobacterium tuberculosis pth	396	35.450
6932	AL008730	Homo sapiens dJ487J7.1.1 (putative protein	3980	99.127
		dJ487J7.1 isoform 1)		<u> </u>
6933	U28131	Homo sapiens novel transcript; similar to	197	49.351
		transcription factors activation domains;		
		linked at 5' end to AT hook motif of HMGI-C;		
		Method: conceptual translation supplied by author		
6934	AF169346	Cavia porcellus pro-alpha-1 type 1 collagen	197	34.043
6935	M62324	Homo sapiens modulator recognition factor I	4210	99.186
6936	X68600	Hordeum vulgare pZE40	157	35.780
6937	X55777	Homo sapiens put. ORF	319	54.639
6938	Z99113	Bacillus subtilis similar to long-chain acyl-	750	49.074
		CoA synthetase		
6939	X55777	Homo sapiens put. ORF	346	66.667
6940	AB030483	Mus musculus B9	294	27.083
6941	X01655	Homo sapiens type III procollagen (aa 892-	176	38.393
6040		1023)	100	05 110
6942	U43200	Boreogadus saida antifreeze glycopeptide AFGP	183	25.110
6943	U37150	polyprotein precursor	1220	83.412
0943	03/130	Bos taurus peptide methionine sulfoxide reductase	1220	83.412
6944	X92109	Homo sapiens hcgIX	69	42.424
6945	AL117555	Homo sapiens hypothetical protein	984	98.496
6946	AC005328	Homo sapiens R26660 2, partial CDS	1226	86.667
6947	Z68752	Caenorhabditis elegans T12G3.5	179	32.203
6948	X63508	Mycobacterium tuberculosis predicted ORF	145	29.091
6949	L34807	Musca domestica transposase	261	18.375
6950	S58722	Homo sapiens X-linked retinopathy protein {C-	116	61.538
		terminal, clone XEH.8c}		
6951	M24543	Homo sapiens prostate-specific antigen	480	85.185
6952	AB020719	Homo sapiens KIAA0912 protein	8368	99.769
6953	S68106	Ascaris suum, Peptide Partial, 100 aa type IV	120	32.530
		collagen alpha 2 chain, alpha 2 (IV)		
6954	AF151832	{alternatively spliced} Homo sapiens CGI-74 protein	725	52.652
6955	AF095737	Homo sapiens unknown	344	67.416
6956	AF076607	Mus musculus prediabetic NOD sera-reactive	3374	94.727
2200	5 , 5 5 5 ,	autoantigen	33,3	"""
6957	AJ010100	Homo sapiens NKp44RG2	191	27.632
6958	AJ011736	Homo sapiens growth factor receptor binding	701	82.812
		protein (GRBLG)		
6959	AF022985	Caenorhabditis elegans No definition line	239	24.609
		found		
6960	AL022018	Unknown /prediction=(method:""genscan"",	808	38.623
		version:""1.0"", score:""133.82"");		
6061	70007067	/prediction=(method:	1577	00 653
6961 6962	AC007067	Arabidopsis thaliana T10024.21	577	29.653
6963	AJ006692 U23037	Homo sapiens ultra high sulfer keratin Oryctolagus cuniculus eIF-2Bepsilon	1011	66.162
	1 11/ 11/ 1/	OLYCLOIAQUS CUNICUIUS EIF-ZBEDS110N	1 4333	90.390
6964	U05313	Trypanosoma brucei CR3	73	29.412

6066	AF061812	Nome canions keratin 16	2994	98.943
6966 6967	AF151899	Homo sapiens keratin 16 Homo sapiens CGI-141 protein	535	56.835
6968	AF057489	Mycobacterium thermoresistibile RNA polymerase beta	129	30.476
6969	AF005654	Homo sapiens actin-binding double-zinc-finger protein	611	31.570
6970	Y07604	Homo sapiens nucleoside-diphosphate kinase	1063	89.730
6971	U01849	Trypanosoma brucei ORF2	165	30.435
6972	X02585	Xenopus laevis unidentified open reading frame 2	241	58.462
6973	AC004990	Homo sapiens supported by Genscan and several ESTs: C83049 (NID:g3062006), AA823760 (NID:g2893628), AA215791 (NID:g1815572), AI095488 (NID:g3434464), and AA969095 (NID:g3144275)	3418	98.450
6974	AB029034	Homo sapiens KIAA1111 protein	7038	99.060
6975	AJ009761	Homo sapiens putative dimethyladenosine transferase	252	76.923
6976	L10326	Rattus norvegicus GTP-binding protein alpha-s subunit	281	93.182
6977	X66403	Homo sapiens acetylcholine receptor epsilon subunit CHRNE	2897	78.069
6978	U63332	Homo sapiens super cysteine rich protein; SCRP	288	67.442
6979	X02585	Xenopus laevis unidentified open reading frame 2	203	32.192
6980	AF108138	Homo sapiens DNA helicase homolog	2348	95.968
6981	M26460	Homo sapiens retinoblastoma 1	145	37.879
6982	U58658	Homo sapiens unknown	248	60.938
6983	AF151800	Homo sapiens CGI-41 protein	317	33.607
6984	AF086709	Homo sapiens NAG-7 protein	653	98.936
6985	AF151866	Homo sapiens CGI-108 protein	1276	99.487
6986	X61045	Hydra sp. mini-collagen	165	70.833
6987	AL022117	Schizosaccharomyces pombe hypothetical protein	422	39.535
6988	AF166262	Arabidopsis thaliana HAL3A protein	611	49.490
6989	M61745	Bos taurus phosphatidylinositol 3-kinase	4634	96.409
6990	AF119121	Homo sapiens putative RNA binding protein	3749	99.480
6991 6992	AL035523 AF123880	Arabidopsis thaliana hypothetical protein multiple sclerosis associated retrovirus	216 45	50.000
6993	X98709	element unknown protein U5/1 Homo sapiens COL1A1 and PDGFB fusion transcript	119	37.143
6994	X13354	Homo sapiens T-cell receptor gamma-chain	485	94.937
6995	X84194	Homo sapiens acylphosphatase	201	64.151
6996	Z93785	Unknown predicted using Genefinder; similar to RNA recognition motif. (aka RRM, RBD, or RNP domain)	500	31.492
6997	AF160909	Drosophila melanogaster BcDNA.LD03471	1277	53.959
6998	AL035700	Homo sapiens dJ75K24.1 (novel protein similar to SH3BGR (SH3 domain binding glutamic acidrich protein) and SH3BGRL)	202	41.053
6999	M15530	Homo sapiens B-cell growth factor	157	54.545
7000	AF067219	Caenorhabditis elegans No definition line found	82	36.207
7001	AC005587	Homo sapiens similar to mouse olfactory receptor 13; similar to P34984 (PID:g464305)	1450	71.382
7002	AB011154	Homo sapiens KIAA0582 protein	373	87.879
7003	X63797	Gallus gallus decorin	342	32.547
7004	AF064597	Homo sapiens LINE-1 like protein	157	49.153
7005	AB002354	Homo sapiens KIAA0356	6204	98.920

7006	X67703	Drosophila melanogaster Mst84Db	88	33.871
7007	A61971	unidentified MCSP	1516	99.738
' ' ' '	1101311		7	33.730
7008	AC004450	Arabidopsis thaliana hypothetical protein	262	27.018
7009	X68600	Hordeum vulgare pZE40	161	35.185
7010	Z67873	Pisum sativum proline- and leucine-rich	127	43.333
		protein		
7011	V00662	Homo sapiens ATPase 6	1301	94.690
7012	Y11709	Homo sapiens collagen type XIV	723	89.167
7013	U92819	Homo sapiens unnamed HERV-H protein	313	53.982
7014	AF003999	Mus musculus GS15	468	83.146
7015	M11759	Lycopersicon esculentum cell wall	99	39.130
7016	AB011542	hydroxyproline-rich glycoprotein Homo sapiens MEGF9	2648	99.200
7017	M22332	Homo sapiens unknown protein	292	53.488
7018	AB012933	Rattus norvegicus acyl-CoA synthetase 5	3914	81.113
7019	AF026198	Fugu rubripes putative protein 2	677	62.195
7020	AJ242724	Homo sapiens putative mitogen-activated	1683	82.524
" - "		protein kinase kinase kinase	1000	02.02.
7021	AL117567	Homo sapiens hypothetical protein	2042	99.385
7022	U18237	Homo sapiens ATP-binding cassette protein	470	98.701
7023	AL021366	Homo sapiens cICK0721Q.3 (Kinesin related	4347	99.110
		protein)		
7024	D00173	Homo sapiens cytochrome P-450	3275	100.000
7025	X68061	Mus musculus HCNGP	1902	95.130
7026	AF035940	Homo sapiens similar to mago nashi	968	100.000
7027	AC005783	Homo sapiens R33083 1	2526	99.467
7028	AB014599	Homo sapiens KIAA0699 protein	5341	100.000
7029	AL050069	Homo sapiens hypothetical protein	1751	98.496
7030 7031	AF132963 AF134983	Homo sapiens CGI-29 protein	1681	99.174
		Mus musculus energy-dependent regulator of proteolysis	3936	95.110
7032	AF100753	Homo sapiens ancient ubiquitous 46 kDa protein AUP1	2748	100.000
7033	AB015982	Homo sapiens serine/threonine kinase	6054	100.000
7034	M64229	Homo sapiens type I collagen	181	96.429
7035	Z81037	Caenorhabditis elegans predicted using	308	29.834
		Genefinder; Weak similarity in N-terminus to UNC-42 (WP:F58E6.1); cDNA EST EMBL:Z14323 comes from this gene		
7036	M35522	Canis familiaris GTP-binding protein (rab7)	449	49.624
7037	U40952	Caenorhabditis elegans C03B1.10 gene product	200	65.000
7038	AJ131395	Mus musculus collagen type XIV	128	34.211
7039	AB023210	Homo sapiens KIAA0993 protein	2577	100.000
7040	M64983	Homo sapiens fibrinogen beta chain	3373	99.793
7041	D88010	Homo sapiens ribosomal protein S13	978	100.000
7042	L25314	Drosophila melanogaster actin-related protein	1269	47.328
7043	M83104	Bos taurus cytochrome b-5 reductase	1278	64.260
7044	AC005614	Homo sapiens F23269_2	4179	96.546
7045	U90549	Homo sapiens non-histone chromosomal protein	601	100.000
7046 7047	AB018288 AF132960	Homo sapiens KIAA0745 protein Homo sapiens CGI-26 protein	5822 2162	98.472
7047	S42658	Homo sapiens S3 ribosomal protein	1589	99.107
7048	U09813	Homo sapiens mitochondrial ATP synthase	896	100.000
		subunit 9 precursor		
7050	X12517	Homo sapiens C protein (AA 1-159)	1226	100.000
7051	AL079277	Homo sapiens hypothetical protein, similar to (U32865) linotte protein	1776	100.000
7052	AF006087	Homo sapiens p20-Arc	1059	100.000
	1 000001	1 Saptone pro Mile	1 2000	1 -00.000

7053	AF125101	Homo sapiens HSPC040 protein	744	100.000
7054	X52425	Homo sapiens interleukin 4 receptor	5823	99.758
7055	AF067730	Homo sapiens TLS-associated protein TASR-2	815	55.597
7056	X60489	Homo sapiens elongation factor-1-beta	1483	100.000
7057	AF186264	Homo sapiens brain specific membrane-anchored	2360	100.000
		protein BSMAP		
7058	AB007876	Homo sapiens KIAA0416	3504	100.000
7059	X54938	Homo sapiens inositol 1,4,5-triphosphate 3-	3126	100.000
		kinase	<u> </u>	
7060	U27831	Homo sapiens striatum-enriched phosphatase	3656	98.324
7061	AF001533	Mus musculus mitogen-induced	2474	97.911
7062	D16181	Homo sapiens peripheral myelin protein 2 (PMP2)	838	100.000
7063	Z50053	Homo sapiens alpha2i-subunit of soluble guanylyl cyclase	5086	100.000
7064	L26288	Rattus norvegicus CaM-like protein kinase	1803	82.663
7065	Y15060	Homo sapiens GalT2 protein	2925	100.000
7066	AB023223	Homo sapiens KIAA1006 protein	8196	99.918
7067	AL032684	Schizosaccharomyces pombe hypothetical protein	392	37.126
7068	X76199	Bos taurus synaptobrevin	747	99.138
7069	AJ005585	Homo sapiens unnamed protein product	1795	99.617
7070	AF077045	Homo sapiens ATP synthase epsilon chain	321	100.000
7071	AL050028	Homo sapiens hypothetical protein	901	99.275
7072	X78444	Rattus norvegicus ribosomal protein L22	565	69.291
7073	U27838	Mus musculus glycosyl-phosphatidyl-inositol-	4246	96.189
		anchored protein homolog		1
7074	U25034	Homo sapiens neuronatin beta	205	72.340
7075	X03484	Homo sapiens raf protein (aa 1-648)	4370	100.000
7076	AC004539	Homo sapiens unknown function; similar to Y09105 (PID:g1666171)	962	99.231
7077	X60188	Homo sapiens protein serine/threonine kinase	2534	99.736
7078	AF132961	Homo sapiens CGI-27 protein	2018	100.000
7079	AJ001258	Homo sapiens NIPSNAP1 protein	1967	99.648
7080	AL031266	Caenorhabditis elegans VM106R.1	290	42.593
7081	AF151898	Homo sapiens CGI-140 protein	754	100.000
7082	AF044953	Homo sapiens NADH:ubiquinone oxidoreductase PGIV subunit	1240	100.000
7083	AF155105	Homo sapiens putative zinc finger protein NY-REN-34 antigen	1219	100.000
7084	L00354	Homo sapiens cholecystokinin	775	100.000
7085	AC004381	Homo sapiens Unknown gene product	1570	100.000
7086	Y13276	Homo sapiens Tailless protein	2557	100.000
7087	AF159055	Homo sapiens leucine zipper-like protein	139	81.481
7088	AJ010793	Triturus carnifex Newt Ovary Ribozyme- Associated protein	1446	60.050
7089	AF181685	Mus musculus membrane protein TMS-2	2988	95.806
7090	\$65091	Rattus sp. cyclic AMP-regulated	443	82.759
	000001	phosphoprotein, ARPP-21	113	02.733
7091	U41315	Homo sapiens ZNF127-Xp	2663	82.099
7092	AF067937	Caenorhabditis elegans contains similarity to	417	40.698
		E. coli cation transport protein (GB:L28709)		
7093	Z12830	Homo sapiens SSR alpha subunit	1856	99.650
7094	AL049548	Homo sapiens dJ398G3.1 (ortholog of rat CPG2)	4426	99.856
7095	X55954	Homo sapiens HL23 ribosomal protein	915	100.000
7096	AL023653	Homo sapiens dJ753P9.2 (novel protein)	2517	100.000
7097	U01317	Homo sapiens delta-globin	987	100.000
7098	A18921	synthetic construct tissue-specific secretory protein	1025	100.000
7099	Z28407	Homo sapiens ribosomal protein L8	1732	100.000
				

7100	X57346	Homo sapiens HS1	1568	100.000
7100	AF140598	Homo sapiens ring-box protein 1	797	100.000
7102	AC006389	Homo sapiens similar to Schizosaccharomyces pombe splicing factor; similar to PID:3395591	593	100.000
7103	X04327	Homo sapiens 2,3 biphosphoglycerated mutase (AA 1 - 259)	1747	100.000
7104	U00043	Caenorhabditis elegans similar to D. melanogaster trithorax protein	519	40.359
7105	Z22968	Homo sapiens M130 antigen	8047	100.000
7106	AF189817	Mus musculus evectin-2	1417	87.391
7107	X60367	Mus musculus cellular retinol binding protein I	553	55.970
7108	Z93388	Unknown predicted using Genefinder; cDNA EST EMBL:D70912 comes from this gene; cDNA EST EMBL:D73452	911	61.966
7109	AL050225	Homo sapiens hypothetical protein	1788	98.885
7110	AJ011007	Homo sapiens 6.2 kd protein	365	98.182
7111	AC002343	Arabidopsis thaliana Ser/Thr protein kinase isolog	511	33.431
7112	X14329	Homo sapiens carboxypeptidase N precursor (AA -20 to 438)	3148	99.782
7113	A23031	Homo sapiens trophoblast membrane expressed protein	2903	99.766
7114	Y17392	Homo sapiens prefoldin subunit 1	669	98.198
7115	X75500	Homo sapiens microsomal triglyceride transfer protein, 97kDa subunit	5680	100.000
7116	AF111713	Homo sapiens junctional adhesion molecule	1950	100.000
7117	X08055	Homo sapiens preglycophorin B	537	100.000
7118	AL050254	Homo sapiens hypothetical protein	3548	99.808
7119	Z46522	Drosophila subobscura bcn92	310	55.422
7120	Z48334	Caenorhabditis elegans F10B5.8	2274	68.113
7121	AL021546	Homo sapiens Cytochrome C Oxidase Polypeptide VIa-liver precursor (EC 1.9.3.1)	762	100.000
7122	X13923	Homo sapiens cytochrome c oxidase subunit VIb (AA 1-86)	424	67.059
7123	Y08915	Homo sapiens alpha 4 protein	2215	100.000
7124	AL050101	Homo sapiens hypothetical protein	3605	100.000
7125	X04494	Homo sapiens precursor polypeptide	2437	100.000
7126	L02956	Xenopus laevis ribonucleoprotein	2120	85.286
7127	AF082526	Mus musculus MEK binding partner 1	759	97.581
7128	AJ223352	Homo sapiens Histone H2B	787	100.000
7129	AF100761	Homo sapiens PTD017	1820	100.000
7130	L31783	Mus musculus uridine kinase	1619	92.692
7131	AL117608	Homo sapiens hypothetical protein	541	92.473
7132	AF084259	Mus musculus bromodomain-containing protein BP75	3884	88.000
7133	Z81108	Unknown similar to Ubiquitin-conjugating enzymes; cDNA EST EMBL:T01737 comes from this gene; cDNA E	567 ·	53.459
7134	AF134772	Mus musculus LIM protein	2134	99.286
7135	AF132952	Homo sapiens CGI-18 protein	2008	88.483
7136	X63692	Homo sapiens DNA (cytosine-5-)- methyltransferase	1101 7	100.000
7137	X63527	Homo sapiens ribosomal protein L19	1259	100.000
7138	U39402	Homo sapiens ORF; Method: conceptual	2084	100.000
		translation supplied by author.		
7139	AF083110	Homo sapiens sirtuin type 5	2134	100.000
7140	AF151884	Homo sapiens CGI-126 protein	1165	100.000
7141	AF092134	Homo sapiens PTD013	1548	99.588

7142	AL117629	Name canions hypothetical protein	796	73.545
7142	M37679	Homo sapiens hypothetical protein Mus musculus Ig heavy chain precursor	133	72.727
7143	Z49068	Caenorhabditis elegans mitochondrial carrier	674	41.176
1,144	24,5000	protein	0,4	41.170
7145	Z94160	Homo sapiens dJ63G5.1 (human SEC7 homolog B2-1	2319	100.000
		(cytohesin-2, Arno, ARF exchange factor) LIKE		
		protein)		
7146	X04085	Homo sapiens catalase	3642	100.000
7147	Z28339	Homo sapiens delta 4-3-oxosteroid 5 beta-	2207	100.000
		reductase		
7148	X55656	Homo sapiens gamma-G globin	1047	100.000
7149	AL050273	Homo sapiens hypothetical protein	677	100.000
7150	M61832	Homo sapiens S-adenosylhomocysteine hydrolase	2890	100.000
7151	U40952	Caenorhabditis elegans C03B1.10 gene product	164	94.737
7152	U01317 U31449	Homo sapiens beta-globin Homo sapiens tetraspan membrane protein	991	100.000
7154	Y14769	Gallus gallus paralemmin	474	36.525
7155	L42374	Homo sapiens protein phosphatase 2A B56-beta	3317	100.000
7156	AF118108	Homo sapiens lymphatic endothelium-specific	2059	98.758
100		hyaluronan receptor LYVE-1		33.733
7157	AB003103	Homo sapiens 26S proteasome subunit p55	2902	100.000
7158	L05093	Homo sapiens ribosomal protein L18a	1222	100.000
7159	AF043254	Homo sapiens heat shock protein 75	4094	98.773
7160	D13630	Homo sapiens KIAA0005	2051	72.596
7161	AF035262	Homo sapiens BAF57	2702	100.000
7162	U28413	Homo sapiens CSA protein	2691	100.000
7163	Z69904	Caenorhabditis elegans cDNA EST yk428d5.3	400	29.694
		comes from this gene; cDNA EST yk428d5.5 comes		
		from this gene; cDNA EST yk537a3.3 comes from		1
1	1	+ h		
		this gene; cDNA EST yk621h11.3 comes from this		
7164	K03020	gene	1/152	98 636
7164	K03020	gene Homo sapiens phenylalanine hydroxylase	1452	98.636
7165	X00129	gene Homo sapiens phenylalanine hydroxylase Homo sapiens precursor RBP	1339	97.512
		gene Homo sapiens phenylalanine hydroxylase Homo sapiens precursor RBP Homo sapiens CIRP	1339 1159	97.512 100.000
7165 7166	X00129 D78134	gene Homo sapiens phenylalanine hydroxylase Homo sapiens precursor RBP Homo sapiens CIRP Trichosurus vulpecula gamma-actin	1339 1159 2491	97.512 100.000 100.000
7165 7166 7167	X00129 D78134 AF076191	gene Homo sapiens phenylalanine hydroxylase Homo sapiens precursor RBP Homo sapiens CIRP Trichosurus vulpecula gamma-actin Homo sapiens IGF-II precursor	1339 1159	97.512 100.000
7165 7166 7167 7168 7169	X00129 D78134 AF076191 X00910 Y07593	gene Homo sapiens phenylalanine hydroxylase Homo sapiens precursor RBP Homo sapiens CIRP Trichosurus vulpecula gamma-actin	1339 1159 2491 1245	97.512 100.000 100.000 100.000
7165 7166 7167 7168 7169	X00129 D78134 AF076191 X00910 Y07593	gene Homo sapiens phenylalanine hydroxylase Homo sapiens precursor RBP Homo sapiens CIRP Trichosurus vulpecula gamma-actin Homo sapiens IGF-II precursor Homo sapiens coxsackie and adenovirus receptor protein Homo sapiens TTG-2a/RBTN-2a	1339 1159 2491 1245 408	97.512 100.000 100.000 100.000 29.167
7165 7166 7167 7168 7169	X00129 D78134 AF076191 X00910 Y07593	Gene Homo sapiens phenylalanine hydroxylase Homo sapiens precursor RBP Homo sapiens CIRP Trichosurus vulpecula gamma-actin Homo sapiens IGF-II precursor Homo sapiens coxsackie and adenovirus receptor protein Homo sapiens TTG-2a/RBTN-2a Homo sapiens peroxisomal integral membrane	1339 1159 2491 1245 408	97.512 100.000 100.000 100.000 29.167
7165 7166 7167 7168 7169 7170 7171	X00129 D78134 AF076191 X00910 Y07593 X61118 Y12860	gene	1339 1159 2491 1245 408 1142 1967	97.512 100.000 100.000 29.167 100.000 100.000
7165 7166 7167 7168 7169 7170 7171	X00129 D78134 AF076191 X00910 Y07593 X61118 Y12860 M10014	gene	1339 1159 2491 1245 408 1142 1967	97.512 100.000 100.000 29.167 100.000 100.000 99.771
7165 7166 7167 7168 7169 7170 7171 7172 7173	X00129 D78134 AF076191 X00910 Y07593 X61118 Y12860 M10014 Y11435	gene	1339 1159 2491 1245 408 1142 1967 3008 1593	97.512 100.000 100.000 29.167 100.000 100.000 99.771 100.000
7165 7166 7167 7168 7169 7170 7171 7172 7173 7174	X00129 D78134 AF076191 X00910 Y07593 X61118 Y12860 M10014 Y11435 AF070666	Gene	1339 1159 2491 1245 408 1142 1967 3008 1593 596	97.512 100.000 100.000 29.167 100.000 100.000 99.771 100.000 98.936
7165 7166 7167 7168 7169 7170 7171 7172 7173	X00129 D78134 AF076191 X00910 Y07593 X61118 Y12860 M10014 Y11435	Gene	1339 1159 2491 1245 408 1142 1967 3008 1593	97.512 100.000 100.000 29.167 100.000 100.000 99.771 100.000
7165 7166 7167 7168 7169 7170 7171 7172 7173 7174 7175	X00129 D78134 AF076191 X00910 Y07593 X61118 Y12860 M10014 Y11435 AF070666 AJ131057	Gene	1339 1159 2491 1245 408 1142 1967 3008 1593 596 215	97.512 100.000 100.000 29.167 100.000 100.000 99.771 100.000 98.936 96.875
7165 7166 7167 7168 7169 7170 7171 7172 7173 7174 7175	X00129 D78134 AF076191 X00910 Y07593 X61118 Y12860 M10014 Y11435 AF070666 AJ131057	gene Homo sapiens phenylalanine hydroxylase Homo sapiens precursor RBP Homo sapiens CIRP Trichosurus vulpecula gamma-actin Homo sapiens IGF-II precursor Homo sapiens coxsackie and adenovirus receptor protein Homo sapiens TTG-2a/RBTN-2a Homo sapiens peroxisomal integral membrane protein Homo sapiens fibrinogen gamma chain Homo sapiens b4 integrin interactor Homo sapiens Kruppel-associated box protein Homo sapiens immunoglobulin gamma chain (BAB3-L) Homo sapiens HSPC021	1339 1159 2491 1245 408 1142 1967 3008 1593 596 215	97.512 100.000 100.000 29.167 100.000 100.000 99.771 100.000 98.936 96.875 100.000
7165 7166 7167 7168 7169 7170 7171 7172 7173 7174 7175	X00129 D78134 AF076191 X00910 Y07593 X61118 Y12860 M10014 Y11435 AF070666 AJ131057	Gene	1339 1159 2491 1245 408 1142 1967 3008 1593 596 215	97.512 100.000 100.000 29.167 100.000 100.000 99.771 100.000 98.936 96.875
7165 7166 7167 7168 7169 7170 7171 7172 7173 7174 7175	X00129 D78134 AF076191 X00910 Y07593 X61118 Y12860 M10014 Y11435 AF070666 AJ131057	Homo sapiens phenylalanine hydroxylase Homo sapiens precursor RBP Homo sapiens CIRP Trichosurus vulpecula gamma-actin Homo sapiens IGF-II precursor Homo sapiens coxsackie and adenovirus receptor protein Homo sapiens TTG-2a/RBTN-2a Homo sapiens peroxisomal integral membrane protein Homo sapiens fibrinogen gamma chain Homo sapiens b4 integrin interactor Homo sapiens Kruppel-associated box protein Homo sapiens immunoglobulin gamma chain (BAB3-L) Homo sapiens HSPCO21 Homo sapiens putative DNA-directed RNA polymerase III C11 subunit	1339 1159 2491 1245 408 1142 1967 3008 1593 596 215	97.512 100.000 100.000 29.167 100.000 100.000 99.771 100.000 98.936 96.875 100.000 100.000
7165 7166 7167 7168 7169 7170 7171 7172 7173 7174 7175	X00129 D78134 AF076191 X00910 Y07593 X61118 Y12860 M10014 Y11435 AF070666 AJ131057 AF077207 AF126531	Gene	1339 1159 2491 1245 408 1142 1967 3008 1593 596 215 3772 805	97.512 100.000 100.000 29.167 100.000 100.000 99.771 100.000 98.936 96.875 100.000
7165 7166 7167 7168 7169 7170 7171 7172 7173 7174 7175 7176 7177 7178 7179 7180	X00129 D78134 AF076191 X00910 Y07593 X61118 Y12860 M10014 Y11435 AF070666 AJ131057 AF077207 AF126531 L23767 V00488 X04429	Homo sapiens phenylalanine hydroxylase Homo sapiens precursor RBP Homo sapiens CIRP Trichosurus vulpecula gamma-actin Homo sapiens IGF-II precursor Homo sapiens coxsackie and adenovirus receptor protein Homo sapiens TTG-2a/RBTN-2a Homo sapiens peroxisomal integral membrane protein Homo sapiens fibrinogen gamma chain Homo sapiens b4 integrin interactor Homo sapiens Kruppel-associated box protein Homo sapiens immunoglobulin gamma chain (BAB3-L) Homo sapiens HSPC021 Homo sapiens putative DNA-directed RNA polymerase III C11 subunit Homo sapiens a2,3 sialyltransferse	1339 1159 2491 1245 408 1142 1967 3008 1593 596 215 3772 805	97.512 100.000 100.000 29.167 100.000 100.000 99.771 100.000 98.936 96.875 100.000 100.000
7165 7166 7167 7168 7169 7170 7171 7172 7173 7174 7175 7176 7177 7178 7179 7180 7181	X00129 D78134 AF076191 X00910 Y07593 X61118 Y12860 M10014 Y11435 AF070666 AJ131057 AF077207 AF126531 L23767 V00488 X04429 D17793	Homo sapiens phenylalanine hydroxylase Homo sapiens precursor RBP Homo sapiens CIRP Trichosurus vulpecula gamma-actin Homo sapiens IGF-II precursor Homo sapiens coxsackie and adenovirus receptor protein Homo sapiens TTG-2a/RBTN-2a Homo sapiens peroxisomal integral membrane protein Homo sapiens fibrinogen gamma chain Homo sapiens b4 integrin interactor Homo sapiens Kruppel-associated box protein Homo sapiens immunoglobulin gamma chain (BAB3-L) Homo sapiens putative DNA-directed RNA polymerase III C11 subunit Homo sapiens a2,3 sialyltransferse Homo sapiens precursor polypeptide Homo sapiens precursor polypeptide Homo sapiens KIAAO119	1339 1159 2491 1245 408 1142 1967 3008 1593 596 215 3772 805 2182 925 2633 2172	97.512 100.000 100.000 29.167 100.000 100.000 99.771 100.000 98.936 96.875 100.000 100.000 100.000 99.751 100.000
7165 7166 7167 7168 7169 7170 7171 7172 7173 7174 7175 7176 7177 7178 7179 7180 7181 7182	X00129 D78134 AF076191 X00910 Y07593 X61118 Y12860 M10014 Y11435 AF070666 AJ131057 AF077207 AF126531 L23767 V00488 X04429 D17793 M26759	Homo sapiens phenylalanine hydroxylase Homo sapiens precursor RBP Homo sapiens CIRP Trichosurus vulpecula gamma-actin Homo sapiens IGF-II precursor Homo sapiens coxsackie and adenovirus receptor protein Homo sapiens TTG-2a/RBTN-2a Homo sapiens peroxisomal integral membrane protein Homo sapiens fibrinogen gamma chain Homo sapiens b4 integrin interactor Homo sapiens Kruppel-associated box protein Homo sapiens immunoglobulin gamma chain (BAB3-L) Homo sapiens HSPC021 Homo sapiens putative DNA-directed RNA polymerase III C11 subunit Homo sapiens a2,3 sialyltransferse Homo sapiens alpha globin Homo sapiens precursor polypeptide Homo sapiens KIAA0119 Rattus norvegicus thymosin beta-4 precursor	1339 1159 2491 1245 408 1142 1967 3008 1593 596 215 3772 805 2182 925 2633 2172 179	97.512 100.000 100.000 29.167 100.000 100.000 99.771 100.000 98.936 96.875 100.000 100.000 100.000 99.751 100.000 55.357
7165 7166 7167 7168 7169 7170 7171 7172 7173 7174 7175 7176 7177 7178 7179 7180 7181 7182 7183	X00129 D78134 AF076191 X00910 Y07593 X61118 Y12860 M10014 Y11435 AF070666 AJ131057 AF077207 AF126531 L23767 V00488 X04429 D17793 M26759 AF072832	Homo sapiens phenylalanine hydroxylase Homo sapiens precursor RBP Homo sapiens CIRP Trichosurus vulpecula gamma-actin Homo sapiens IGF-II precursor Homo sapiens coxsackie and adenovirus receptor protein Homo sapiens TTG-2a/RBTN-2a Homo sapiens peroxisomal integral membrane protein Homo sapiens fibrinogen gamma chain Homo sapiens b4 integrin interactor Homo sapiens Kruppel-associated box protein Homo sapiens kruppel-associated box protein Homo sapiens immunoglobulin gamma chain (BAB3-L) Homo sapiens HSPC021 Homo sapiens putative DNA-directed RNA polymerase III C11 subunit Homo sapiens a2,3 sialyltransferse Homo sapiens alpha globin Homo sapiens precursor polypeptide Homo sapiens KIAA0119 Rattus norvegicus thymosin beta-4 precursor Homo sapiens UbcH 7-binding protein	1339 1159 2491 1245 408 1142 1967 3008 1593 596 215 3772 805 2182 925 2633 2172 179 4001	97.512 100.000 100.000 29.167 100.000 100.000 99.771 100.000 98.936 96.875 100.000 100.000 100.000 99.751 100.000 55.357 99.820
7165 7166 7167 7168 7169 7170 7171 7172 7173 7174 7175 7176 7177 7178 7179 7180 7181 7182 7183 7184	X00129 D78134 AF076191 X00910 Y07593 X61118 Y12860 M10014 Y11435 AF070666 AJ131057 AF077207 AF126531 L23767 V00488 X04429 D17793 M26759 AF072832 M62831	Homo sapiens phenylalanine hydroxylase Homo sapiens precursor RBP Homo sapiens CIRP Trichosurus vulpecula gamma-actin Homo sapiens IGF-II precursor Homo sapiens coxsackie and adenovirus receptor protein Homo sapiens TTG-2a/RBTN-2a Homo sapiens peroxisomal integral membrane protein Homo sapiens fibrinogen gamma chain Homo sapiens b4 integrin interactor Homo sapiens Kruppel-associated box protein Homo sapiens immunoglobulin gamma chain (BAB3-L) Homo sapiens HSPC021 Homo sapiens putative DNA-directed RNA polymerase III C11 subunit Homo sapiens a2,3 sialyltransferse Homo sapiens precursor polypeptide Homo sapiens KIAA0119 Rattus norvegicus thymosin beta-4 precursor Homo sapiens UbcH 7-binding protein Homo sapiens ETR101	1339 1159 2491 1245 408 1142 1967 3008 1593 596 215 3772 805 2182 925 2633 2172 179 4001 1474	97.512 100.000 100.000 29.167 100.000 100.000 99.771 100.000 98.936 96.875 100.000 100.000 100.000 99.751 100.000 55.357 99.820 99.103
7165 7166 7167 7168 7169 7170 7171 7172 7173 7174 7175 7176 7177 7178 7179 7180 7181 7182 7183 7184 7185	X00129 D78134 AF076191 X00910 Y07593 X61118 Y12860 M10014 Y11435 AF070666 AJ131057 AF077207 AF126531 L23767 V00488 X04429 D17793 M26759 AF072832 M62831 M63109	Gene	1339 1159 2491 1245 408 1142 1967 3008 1593 596 215 3772 805 2182 925 2633 2172 179 4001 1474 187	97.512 100.000 100.000 29.167 100.000 100.000 99.771 100.000 98.936 96.875 100.000 100.000 100.000 99.751 100.000 55.357 99.820 99.103 27.128
7165 7166 7167 7168 7169 7170 7171 7172 7173 7174 7175 7176 7177 7178 7179 7180 7181 7182 7183 7184	X00129 D78134 AF076191 X00910 Y07593 X61118 Y12860 M10014 Y11435 AF070666 AJ131057 AF077207 AF126531 L23767 V00488 X04429 D17793 M26759 AF072832 M62831	Homo sapiens phenylalanine hydroxylase Homo sapiens precursor RBP Homo sapiens CIRP Trichosurus vulpecula gamma-actin Homo sapiens IGF-II precursor Homo sapiens coxsackie and adenovirus receptor protein Homo sapiens TTG-2a/RBTN-2a Homo sapiens peroxisomal integral membrane protein Homo sapiens fibrinogen gamma chain Homo sapiens b4 integrin interactor Homo sapiens Kruppel-associated box protein Homo sapiens immunoglobulin gamma chain (BAB3-L) Homo sapiens HSPC021 Homo sapiens putative DNA-directed RNA polymerase III C11 subunit Homo sapiens a2,3 sialyltransferse Homo sapiens precursor polypeptide Homo sapiens KIAA0119 Rattus norvegicus thymosin beta-4 precursor Homo sapiens UbcH 7-binding protein Homo sapiens ETR101	1339 1159 2491 1245 408 1142 1967 3008 1593 596 215 3772 805 2182 925 2633 2172 179 4001 1474	97.512 100.000 100.000 29.167 100.000 100.000 99.771 100.000 98.936 96.875 100.000 100.000 100.000 99.751 100.000 55.357 99.820 99.103

7187	M92383	Homo sapiens thymosin beta-10	313	100.000
7188	AL031673	Homo sapiens dJ694B14.1 (PUTATIVE novel KRAB	5240	99.865
		box protein with 18 C2H2 type Zinc finger		
		domains)		
7189	Y11652	Homo sapiens phosphate cyclase	229	84.091
7190	AF155095	Homo sapiens NY-REN-2 antigen	3897	100.000
7191	AB020648	Homo sapiens KIAA0841 protein	4253	100.000
7192	AF151880	Homo sapiens CGI-122 protein	1224	100.000
7193	A06977	Homo sapiens albumin	4118	100.000
7194	AF052432	Homo sapiens katanin p80 subunit	4366	99.542
7195	U64028	Homo sapiens NADPH:ubiquinone oxidoreductase subunit B13	772	100.000
7196	X79805	Homo sapiens PC4, p15	823	100.000
7197	U75467	Drosophila melanogaster Atu	1197	36.667
7198	X17042	Homo sapiens hematopoetic proteoglycan core protein (AA 1 - 158)	991	99.324
7199	X99209	Homo sapiens arginine methyltransferase	2976	100.000
7200	AJ007509	Homo sapiens E1B-55kDa-associated protein	5996	98.383
7201	AF132965	Homo sapiens CGI-31 protein	1978	100.000
7202	AF173868	Homo sapiens DNA binding protein p96PIF	3609	99.822
7203	AL031427	Homo sapiens dJ167A19.1 (novel protein)	2037	99.673
7204	AF054174	Homo sapiens histone macroH2A1.2	1631	68.464
7205	AJ133769	Homo sapiens nuclear transport receptor	6151	100.000
7206	AF151832	Homo sapiens CGI-74 protein	2573	98.992
7207	X52142	Homo sapiens CTP synthetase (AA 1-591)	3979	99.662
7208	AL021331	Homo sapiens dJ366N23.1 (putative C. elegans UNC-93 (protein 1, C46F11.1) LIKE protein)	1365	99.524
7209	X14608	Homo sapiens propionyl-CoA carboxylase	4559	100.000
7210	AL110249	Homo sapiens hypothetical protein	5725	99.769
7211	X95648	Homo sapiens alfa subunit	1931	100.000
7212	X64177	Homo sapiens metallothionein	513	100.000
7213	AB028942	Homo sapiens KIAA1019 protein	1198 5	99.839
7214	X56932	Homo sapiens 23 kD highly basic protein	1329	100.000
7215	AF134404	Homo sapiens delta-6 fatty acid desaturase	3152	100.000
7216	AC004982	Homo sapiens similar to yeast hypothetical protein ybk4; similar to P38164 (PID:g586461)	2616	100.000
7217	AL049548	Homo sapiens dJ398G3.2 (novel protein)	987	100.000
7218	AF114263	Homo sapiens unknown	1295	100.000
7219	Z68220	Homo sapiens Similarity to Human ADP/ATP carrier protein (SW:ADT1_HUMAN); cDNA EST EMBL:D71893 comes fro	566	43.519
7220	AJ002308	Homo sapiens synaptogyrin 2	1524	100.000
7221	249130	Caenorhabditis elegans cDNA EST yk486b9.3 comes from this gene; cDNA EST yk486b9.5 comes from this gene; cDNA EST yk615b1.3 comes from this gene; cDNA EST yk626c2.3 comes from this gene	169	26.364
7222	AL021937	Homo sapiens dJ149A16.6 (novel protein, human ortholog of worm F16A11.2 and bacterial and archea-bacterial predicted proteins)	3381	100.000
7223	Y16241	Homo sapiens nebulette	6605	100.000
7224	X97544	Homo sapiens preprotein translocase	1169	100.000
7225	X15949	Homo sapiens interferon regulatory factor-2 (AA 1-349)	2323	99.427
7226	AF095927	Rattus norvegicus protein phosphatase 2C	2475	95.153
7227	AF151895	Homo sapiens CGI-137 protein	1164	100.000
7228	AC005757	Homo sapiens R32611 2	1065	100.000
7229	L41254	Rattus norvegicus transmembrane protein	336	62.637

BC-2 protein (GB:AF042384) 7231 AF106580 Caenorhabditis elegans No definition line found 7232 X13227 Homo sapiens D-amino acid oxidase (AA 1 - 347) 2389 99 7233 Z84395 Mycobacterium tuberculosis hypothetical protein Rv0712 7234 Z66511 Unknown similar to ribokinase; cDNA EST EMBL:D69553 comes from this gene; cDNA EST EMBL:D65938 come 7235 X93498 Homo sapiens 21-Glutamic Acid-Rich Protein 1596 99	6.923 0.442 9.135 9.933 3.651
found	9.135 9.933
7233 Z84395 Mycobacterium tuberculosis hypothetical protein Rv0712 7234 Z66511 Unknown similar to ribokinase; cDNA EST EMBL:D69553 comes from this gene; cDNA EST EMBL:D65938 come 7235 X93498 Homo sapiens 21-Glutamic Acid-Rich Protein 1596 99	9.933
protein Rv0712 7234 Z66511 Unknown similar to ribokinase; cDNA EST EMBL:D69553 comes from this gene; cDNA EST EMBL:D65938 come 7235 X93498 Homo sapiens 21-Glutamic Acid-Rich Protein 1596 99	
EMBL:D69553 comes from this gene; cDNA EST EMBL:D65938 come 7235 X93498 Homo sapiens 21-Glutamic Acid-Rich Protein 1596 99	3.651
7236 Y11651 Homo sapiens phosphate cyclase 2397 110	9.582
	00.000
	00.000
protein	8.077
	8.085
	00.000
	00.000
	6.525
catalytic subunit	7.537
	00.000
found	9.071
	9.677
	00.000
	00.000
	2.107
	9.517
7251 AC005058 Homo sapiens similar to calcium-independent phospholipase A2; similar to AC004392 (PID:q3367519)	00.000
	00.000
	9.492
7254 AB014540 Homo sapiens KIAA0640 protein 3964 10	00.000
7255 AF020313 Mus musculus proline-rich protein 48 1266 84	4.052
	1.765
7257 X66171 Homo sapiens CMRF-35 antigen 1539 99	9.554
7258 Z14093 Homo sapiens branched chain decarboxylase 3018 10	00.000
7259 AB011123 Homo sapiens KIAA0551 protein 8838 99	9.925
7260 Y10936 Homo sapiens hypothetical protein 1441 97	7.525
	9.819
	1.220
	00.000
	00.000
	00.000
	00.000
7267 Z99106 Bacillus subtilis similar to hypothetical 464 32 proteins	2.540
7268 U67536 Methanococcus jannaschii conserved 268 26 hypothetical protein	6.609
	9.649
	9.656
	00.000
	9.524
	00.000
	·
7273 AB007889 Homo sapiens KIAA0429 2432 10	00.000

7276	Z14136	Homo sapiens spermidine/spermine N1-	242	57.627
2022	1116660	acetyltransferase	2210	100 000
7277	X16663	Homo sapiens haematopoietic lineage cell	3310	100.000
7278	X70476	protein (AA 1-486)	6020	100.000
7279	M55531	Homo sapiens subunit of coatomer complex	6038	1
7280		Homo sapiens GLUT5 protein	1457	45.895
	AF078849	Homo sapiens dynein light chain-A	3463	99.426
7281 7282	AF099935	Homo sapiens MDC-3.13 isoform 2	672	55.000 95.223
	X81804 AL117573	Bos taurus ozf	2147	99.824
7283 7284	X95648	Homo sapiens hypothetical protein	3714 1931	100.000
7285	AF083930	Homo sapiens alfa subunit		L
7286	AF151839	Homo sapiens ES18	1411	98.165
7287	U59240	Homo sapiens CGI-81 protein	1890 1748	98.940 77.557
7288	Z49213	Rattus norvegicus N-tropomodulin Saccharomyces cerevisiae Imp2p	378	43.333
7289	AL080177	Homo sapiens hypothetical protein	785	100.000
7290	X76534	Homo sapiens NMB	3859	99.821
7291	Z68493	Caenorhabditis elegans predicted using	466	41.379
1231	200493	Genefinder	400	41.379
7292	AF125101	Homo sapiens HSPC040 protein	744	100.000
7293	Z99281	Unknown similar to ADP-ribosylation factor;	1100	84.865
		cDNA EST EMBL: C08179 comes from this gene;	1100	
		CDNA EST EMB		
7294	U29488	Caenorhabditis elegans No definition line	706	52.155
		found		
7295	AF103731	Homo sapiens putative glycolipid transfer	2466	98.210
		protein		
7296	AF150100	Homo sapiens small zinc finger-like protein	597	100.000
7297	AL050277	Homo sapiens hypothetical protein	655	100.000
7298	AJ238098	Homo sapiens Lsm6 protein	521	100.000
7299	AF023611	Homo sapiens Dimlp homolog	263	39.583
7300	AB011115	Homo sapiens KIAA0543 protein	7541	100.000
7301	AE001724	Thermotoga maritima conserved hypothetical	479	36.032
		protein	ļ	
7302	X76013	Homo sapiens glutaminyl-tRNA synthetase	5223	99.871
7303	L34041	Homo sapiens L-glycerol-3-phosphate:NAD	2316	99.713
		oxidoreductase		
7304	AP000364	Oryza sativa Similar to sequence of BAC F7G19	194	41.667
7205		from Arabidopsis thaliana. (AC000106)		
7305	AF073839	Rattus norvegicus bithoraxoid-like protein	562	93.750
7306	051999	Caenorhabditis elegans C43H6.7 gene product	411	27.645
7307	AF102850	Homo sapiens dolichyl-phosphate beta-	2142	100.000
7308	AL031228	glucosyltransferase	4111	100 000
/300	ALUS1228	Homo sapiens dJ1033B10.2 (WD40 protein BING4 (similar to S. cerevisiae YER082C, M. sexta	4111	100.000
7309	AF160934	MNG10 and C. elegans F28D1.1) Drosophila melanogaster BcDNA.LD14189	1140	61.508
7310	AL117629	Homo sapiens hypothetical protein	796	73.545
7310	AF151826	Homo sapiens CGI-68 protein	2240	99.401
7311	AL110295	Schizosaccharomyces pombe conserved	1455	36.475
, 512		hypothetical protein	1433	50.4/5
7313	AF016441	Caenorhabditis elegans No definition line	851	41.892
		found		
7314	X58141	Homo sapiens erythrocyte alpha adducin	4876	99.457
7315	AF056490	Homo sapiens cAMP-specific phosphodiesterase	4713	99.719
		8A		
7316	Z93382	Caenorhabditis elegans F45G2.9	545	41.935
7317	X91817	Homo sapiens transketolase	3532	96.948
7318	269727	Schizosaccharomyces pombe putative peroxisoaml	248	30.769

	T		Τ	
7319	AL117576	membrane protein	2984	99.566
7319	AJ237946	Homo sapiens hypothetical protein	3108	100.000
		Homo sapiens DEAD Box Protein 5	665	53.552
7321	X69480 AF050641	Saccharomyces cerevisiae uORF1	2527	100.000
7322	AFUSU641	Homo sapiens NADH-ubiquinone oxidoreductase	2527	100.000
7323	U47924	39kDa subunit	809	100.000
7323	AF054986	Homo sapiens C10	2387	100.000
		Homo sapiens putative transmembrane GTPase		99.401
7325	AF146018	Homo sapiens hydroxypyruvate reductase	1100 794	
7326 7327	Z97184 AF077044	Homo sapiens HKE2		100.000
7328	AJ131389	Homo sapiens RNA polymerase I 16 kDa subunit	874 2410	100.000
7329	L54057	Homo sapiens PEX3 protein Homo sapiens deduced protein product shows	922	100.000
1329	L34037	significant homology to coactosin from	922	100.000
		Dictyostelium discoideum		
7330	X73478	Homo sapiens phosphotyrosyl phosphatase	2196	99.690
7330	A/34/0	activator	2190	99.090
7331	U51032	Saccharomyces cerevisiae Ydr341cp	1365	41.556
7332	AF026198	Fugu rubripes putative protein 2	855	66.146
7333	M83104	Bos taurus cytochrome b-5 reductase	1198	56.757
7334	AJ245587	Homo sapiens Kruppel-type zinc finger	2460	100.000
7335	D87453	Homo sapiens KIAAO264	2704	100.000
7336	AL031666	Homo sapiens dJ569M23.1 (similar to BS69	2168	100.000
''	200200	protein)		
7337	Z22820	Canis familiaris Rab22a protein	1272	98.454
7338	AF151841	Homo sapiens CGI-83 protein	1915	100.000
7339	AF019082	Borrelia burgdorferi virulent strain	209	22.458
		associated lipoprotein		
7340	AF112968	Homo sapiens ornithine transporter	1991	100.000
7341	AF141882	Homo sapiens APMCF1	315	100.000
7342	X58022	Homo sapiens corticotropin releasing factor-	2195	99.068
		binding protein		
7343	AF118023	Homo sapiens SH3 domain-binding protein SNP70	4484	99.844
7344	L04733	Homo sapiens kinesin light chain	2521	70.107
7345	U47618	Drosophila melanogaster ovary2	195	27.152
7346	AF143676	Homo sapiens multispanning nuclear envelope	1747	100.000
		membrane protein nurim		
7347	AF001160	Homo sapiens G-protein gamma subunit	448	100.000
7348	U62940	Rattus norvegicus mt-GrpE#1 precursor	1267	88.479
7349	X14046	Homo sapiens CD37 (AA 1-244)	1891	99.644
7350	X78606	Rattus norvegicus ras-homologous GTPase rab28	1417	96.380
7351	AB002348	Homo sapiens KIAA0350	6010	99.891
7352	M32486	Mus musculus 19.5 protein	1300	64.364
7353	X72879	Homo sapiens ORF	149	88.462
7354	AF085481	Homo sapiens serum deprivation response	2664	100.000
7355	AB020681	Homo sapiens KIAA0874 protein	3936	100.000
7356	AJ242015	Homo sapiens eMDC II protein	5433	100.000
7357	AF026816	Homo sapiens putative oncogene protein	1101	100.000
7358	AF015913	Homo sapiens Skb1Hs	4349	99.686
7359	L34734	Homo sapiens T-cell receptor beta	2042	96.835
7360	AF117065	Homo sapiens male-specific lethal-3 homolog 1	3240	99.590
7361	Y13736	Homo sapiens Protein Enriched in Diabetes	829	100.000
7362	AJ223353	Homo sapiens Histone H2B	787	100.000
7363	M55542	Homo sapiens guanylate binding protein isoform I	3356	87.372
7364	AB014550	Homo sapiens KIAA0650 protein	5623	100.000
7365	U41857	Xenopus laevis WD-40 motifs; up-regulated by	1285	51.105
		thyroid hormone in tadpoles		
7366	Y10319	Homo sapiens carnitine carrier	2052	100.000
		1		

7367	U66059	Homo sapiens V segment translation product	794	100.000
7368	A68104	unidentified unnamed protein product	130	28.455
7369	U71598	Homo sapiens zinc finger protein zfp2	1096	100.000
7370	X68505	Homo sapiens myocyte-specific enhancer factor 2 (MEF2)	3397	100.000
7371	AJ242975	Homo sapiens p38 protein	2583	100.000
7372	AL034488	Caenorhabditis elegans predicted using Genefinder	925	35.118
7373	AF044671	Homo sapiens MM46	698	87.069
7374	AF171099	Xenopus laevis Mi-2 histone deacetylase complex protein 66	871	48.396
7375	AB011182	Homo sapiens KIAA0610 protein	4424	100.000
7376	X83218	Homo sapiens ATP synthase, oligomycin sensitivity conferring protein	1310	100.000
7377	U41558	Caenorhabditis elegans No definition line found	537	31.474
7378	AF039692	Homo sapiens antigen NY-CO-10	2397	99.462
7379	X56389	Canis familiaris rab4b	1395	100.000
7380	X06820	Homo sapiens rhoB	1324	100.000
7381	AJ243721	Homo sapiens dTDP-4-keto-6-deoxy-D-glucose 4- reductase	2124	99.682
7382	X77953	Rattus norvegicus ribosomal protein S15a	860	100.000
7383	Z46676	Caenorhabditis elegans cDNA EST yk484g1.3 comes from this gene; cDNA EST yk484g1.5 comes from this gene	401	40.690
7384	J01163	Oxytricha fallax actin	381	27.083
7385	AF156098	Homo sapiens RNA binding motif protein 7	1820	100.000
7386	AF157028	Homo sapiens protein phosphatase methylesterase-1	2599	100.000
7387	L24804	Homo sapiens p23	423	46.094
7388	AF151876	Homo sapiens CGI-118 protein	1336	100.000
7389	Z97210	Schizosaccharomyces pombe hypothetical protein	201	40.196
7390	X95592	Homo sapiens C1D protein	901	100.000
7391	AE000984	Archaeoglobus fulgidus dinitrogenase reductase activating glycohydrolase (draG)	294	26.608
7392	Z98979	Schizosaccharomyces pombe hypothetical protein	348	40.157
7393	D50807	Bos taurus synaphin	194	33.088
7394	X56667	Homo sapiens calretinin	1793	99.631
7395	M23159	Cricetus cricetus DHFR-coamplified protein	194	28.761
7396	D64000	Synechocystis sp. hypothetical protein	220	33.803
7397	AB020684	Homo sapiens KIAA0877 protein	3836	99.310
7398	U22229	Felis catus ribosomal protein L41	170	100.000
7399	AJ010392	Rattus norvegicus Bdeight protein	1427	92.340
7400	AF093673	Cricetulus griseus layilin	2179	84.182
7401	X74801	Homo sapiens gamma subunit of CCT chaperonin	3492	99.632
7402	297630	Homo sapiens dJ466N1.2 (2-amino-3- ketobutyrate-CoA ligase mRNA, nuclear gene encoding mitochondrial protein)	2785	99.761
7403	AC002301	Homo sapiens Homolog of rat Zymogen granule membrane protein	270	37.594
7404	AF147717	Homo sapiens ubiquitin C-terminal hydrolase UCH37	2165	100.000
7405	AL096779	Homo sapiens hypothetical protein	1978	100.000
7406	AF069442	Arabidopsis thaliana putative WD-repeat protein	1130	42.721
7407	AF020262	Bos taurus general protein transport factor p16	776	100.000
7408	AF097439	Mus musculus brain expressed X-linked protein 2	648	72.868

	,			
7409	U97001	Caenorhabditis elegans similar to	767	51.969
		Schizosaccharomyces pombe 4-		
		nitrophenylphosphatase (PNPPASE) (GB:X62722, NID:g5005)		
7410	X71978	Mus musculus Fif	1923	95.904
7411	AL117526	Homo sapiens hypothetical protein	5576	99.883
7412	AC002550	Homo sapiens Unknown gene product	1104	99.379
7413	U81002	Homo sapiens TRAF4 associated factor 1	1710	99.267
7414	AF151900	Homo sapiens CGI-142 protein	1167	100.000
7415	AB011145	Homo sapiens KIAA0573 protein	3074	100.000
7416	AF059569	Homo sapiens actin binding protein MAYVEN	3881	99.658
7417	AL031765	Unknown /prediction=(method:""genefinder"",	473	34.348
		version:""084"", score:""31.96"");		
		/prediction=(metho		
7418	U80447	Caenorhabditis elegans similar to the beta	742	32.767
_		transducin family		
7419	AL080186	Homo sapiens hypothetical protein	1860	99.664
7420	AL049758	Homo sapiens dJ437M21.2 (novel putative GTP-	1415	100.000
		ase activating protein for Arf similar to worm		
7421	AL023780	F07F6.4)	359	31.606
7421	AJ224326	Schizosaccharomyces pombe zinc finger protein Homo sapiens ribulose-5-phosphate-epimerase	1179	100.000
7423	AB023191	Homo sapiens KIAA0974 protein	3780	100.000
7424	Z35663	Caenorhabditis elegans Weak similarity with	211	27.184
1727	255005	non-histone chromosomal protein HMG-1 (human).	211	27.104
		Glutamate rich carboxyl terminus; cDNA EST		
		EMBL:D74688 comes from this gene; cDNA EST	İ	
		EMBL: D71938 comes from this gene		
7425	X16901	Homo sapiens 30kb subunit of RAB30 /74	1623	100.000
7426	D14696	Homo sapiens KIAA0108	703	44.395
7427	AB014581	Homo sapiens KIAA0681 protein	659	36.336
7428	AF000423	Rattus norvegicus synaptotagmin XI	2699	94.896
7429	U90313	Homo sapiens glutathione-S-transferase homolog	1044	64.069
7430	AB015345	Homo sapiens HRIHFB2216	3300	99.588
7431	L02241	Mus musculus protein kinase inhibitor	354	74.359
7432	AL021068	Homo sapiens dJ206D15.3	3310	99.607
7433	U40628	Rattus norvegicus unknown	181	50.000
7434	AC003028	Arabidopsis thaliana unknown protein	172	43.137
7435	X65724	Homo sapiens ORF2	1092	100.000
7436 7437	Z97341 D88157	Arabidopsis thaliana hypothetical protein	292 591	36.424 45.238
7437	AF133207	Ovis aries cytochrome b561 Homo sapiens protein kinase	1362	99.490
7439	AJ235271	Rickettsia prowazekii unknown	458	30.638
7440	AF094583	Homo sapiens putative HIV-1 infection related	627	98.925
7110	''' 0 3 1 3 0 3	protein	02 /	50.525
7441	J04970	Homo sapiens carboxypeptidase M precursor	3050	100.000
7442	AC006978	Homo sapiens supported by human and rodent	1048	99.315
		ESTs; match to AA454028 (NID:g2167697),		
		similar to AA9255224 (NID:g4236415) and		
		AA023712 (NID:g1487627)		
7443	AL021683	Homo sapiens unnamed protein product	1820	100.000
7444	A68112	unidentified unnamed protein product	175	28.926
7445	U41515	Homo sapiens Method: conceptual translation	494	100.000
7446		supplied by author	0.5.5	
7446	X57351	Homo sapiens 1-8D	873	99.242
7447	AB018325	Homo sapiens KIAA0782 protein	7932	100.000
7448	X13482	Homo sapiens U2 snRNP-specific A' protein (AA 1-255)	1630	99.608
7449	V66901	<u> </u>	307	90.196
1449	X66901	Mus musculus En-2/lacZ fusion protein	1301	30.130

7450	AF129756	Homo sapiens NG33	808	100.000
7451	J00911	Gallus gallus alpha-tropomyosin (partial)	164	96.296
7452	Z80220	Unknown Similarity to yeast protein TREMBL ID E246895); cDNA EST EMBL: T00018 comes from this gene;	774	56.944
7453	X67325	Homo sapiens p27	318	67.500
7454	AL117530	Homo sapiens hypothetical protein	3104	99.554
7455	AF151857	Homo sapiens CGI-99 protein	1611	100.000
7456	AL035301	Homo sapiens hypothetical protein	275	100.000
7457	U19142	Homo sapiens GAGE-1 protein	327	51.351
7458	Z49858	Rattus norvegicus plasmolipin	435	45.062
7459	AL050147	Homo sapiens hypothetical protein	3647	100.000
7460	Z82096	Caenorhabditis elegans predicted using Genefinder; Similarity to E.coli guanosine-3', 5'-bis(diphosphate)-pyrophosphohydrolase (SW:P17580)	419	56.410
7461	AF143956	Mus musculus coronin-2	3101	94.262
7462	AB007836	Homo sapiens Hic-5	3323	100.000
7463	AC008263	Arabidopsis thaliana Contains similarity to gb Z95637 acyl-CoA:1-acylglycerol-3-phosphate acyltransferase from Brassica napus.	495	28.981
7464	AF117210	Homo sapiens host cell factor 2	5379	100.000
7465	J03801	Homo sapiens lysozyme precursor (EC 3.2.1.17)	1033	100.000
7466	AF149720	Danio rerio unknown	165	41.379
7467	AL022724	Homo sapiens dJ413H6.1.1 (hamster Androgen- dependent Expressed Protein LIKE PUTATIVE protein) (isoform 1)	1716	100.000
7468	AF151844	Homo sapiens CGI-86 protein	2246	100.000
7469	X77631	Cricetulus griseus intermediate filament associated protein	100	37.500
7470	X78686	Homo sapiens ENA-78	741	100.000
7471	AL049610	Homo sapiens dJ1055C14.1 (transcription elongation factor A (SII)-like 1)	181	37.097
7472	AL008637	Homo sapiens NCF4	2221	100.000
7473	Z81108	Unknown similar to Ubiquitin-conjugating enzymes; cDNA EST EMBL:T01737 comes from this gene; cDNA E	567	53.459
7474	M10942	Homo sapiens human metallothionein-Ie	512	100.000
7475	AF077034	Homo sapiens HSPC010	611	100.000
7476	K01383	Homo sapiens MT1A	508	98.361
7477	X90999	Homo sapiens glyoxalase II	1757	100.000
7478	M74161	Homo sapiens inositol polyphosphate 5- phosphatase	6355	99.894
7479	AC004883	Homo sapiens similar to KIAA0766; similar to PID:g3882253	536	27.381
7480	AF181685	Mus musculus membrane protein TMS-2	2988	95.806
7481	AF145615	Drosophila melanogaster BcDNA.GH03377	1057	46.133
7482	U09410	Homo sapiens zinc finger protein ZNF131	3134	99.366
7483	AF047431	Homo sapiens AAPT1-like protein	1580	98.340
7484	AF176012	Homo sapiens J domain containing protein 1 isoform a	1335	100.000
7485	X94917	Drosophila melanogaster head-elevated expression in 0.9 kb	194	33.000
7486	U54807	Rattus norvegicus GTP-binding protein	1483	97.357
7487	AF058807	Bos taurus GTP-binding protein rah	1248	85.106
7488	L20427	Rattus norvegicus dihydroxypolyprenylbenzoate methyltransferase	1578	82.500
7489	M11759	Lycopersicon esculentum cell wall hydroxyproline-rich glycoprotein	108	34.375

7490	AF072864	Homo sapiens peroxisomal membrane protein PMP	1406	99.528
1,130	111012001	24	1100	33.320
7491	AL050269	Homo sapiens hypothetical protein	1339	99.034
7492	AF078850	Homo sapiens steroid dehydrogenase homolog	739	40.065
7493	Z97204	Schizosaccharomyces pombe hypothetical protein	410	38.021
7494	U23484	Caenorhabditis elegans No definition line found	627	52.660
7495	X63679	Homo sapiens TRAM protein	2432	100.000
7496	X57352	Homo sapiens 1-8U	883	98.496
7497	Z81097	Caenorhabditis elegans cDNA EST EMBL:D69071 comes from this gene	190	31.858
7498	AL035419	Homo sapiens dJ1100H13.1 (putative novel protein)	1440	100.000
7499	Z37166	Homo sapiens nuclear RNA helicase (DEAD family)	2817	100.000
7500	Z66515	Unknown cDNA EST EMBL:C07816 comes from this gene; cDNA EST EMBL:C09328 comes from this gene; cDNA	411	35.135
7501	AF131220	Homo sapiens HEMK homolog	2311	99.704
7502	Z49128	Unknown similar to cAMP-dependant protein kinase; cDNA EST EMBL:T00719 comes from this gene; cDNA E	1098	44.759
7503	AJ223980	Homo sapiens BCL7C	1487	99.078
7504	X61381	Rattus rattus interferon-induced protein	238	43.023
7505	U16697	Torpedo marmorata 14 kDa transmembrane protein	113	32.692
7506	Z82214	Homo sapiens dJ526I14.3a (fragment of novel CUB and EGF-like domain protein)	1387	80.995
7507	AL008583	Homo sapiens dJ327J16.1 (human ortholog of mouse outer arm Dynein light chain 4)	716	100.000
7508	D38169	Homo sapiens inositol 1,4,5-trisphosphate 3-kinase isoenzyme	4207	99.834
7509	D90053	Sus scrofa destrin	1109	100.000
7510	AF016685	Caenorhabditis elegans similar to short chain- type dehydrogenases	776	42.073
7511	U23484	Caenorhabditis elegans No definition line found	517	33.133
7512	X52509	Homo sapiens tyrosine aminotransferase	3098	100.000
7513	X13923	Homo sapiens cytochrome c oxidase subunit VIb (AA 1-86)	206	52.941
7514	Z70208	Caenorhabditis elegans predicted using Genefinder; similar to Zinc finger, C3HC4 type (RING finger)	272	28.141
7515	AE000715	Aquifex aeolicus ribosomal protein L20	270	41.053
7516	AL031432	Homo sapiens dJ465N24.2.1 (PUTATIVE novel protein) (isoform 1)	1476	99.558
7517	AL035588	Homo sapiens dJ696P19.1 (TFEB)	3221	98.975
7518	U79275	Homo sapiens unknown	918	100.000
7519	AJ011306	Homo sapiens guanine nucleotide exchange factor (long isoform)	2716	99.523
7520	AE001788	Thermotoga maritima ribosomal protein S15	178	37.037
7521	AE001070	Archaeoglobus fulgidus ribonuclease PH (rph)	328	33.937
7522	X87176	Homo sapiens 17beta-hydroxysteroid dehydrogenase	4839	100.000
7523	AC005189	Homo sapiens match to ESTs H97758 (NID:g1118643) and AA085546 (NID:g1628773)	976	100.000
7524	AL049802	Homo sapiens hypothetical protein	4303	100.000
7525	AF067219	Caenorhabditis elegans No definition line found	117	41.860
7526	AF060568	Homo sapiens promyelocytic leukemia zinc	4578	99.554

		finger protein; kruppel-like zinc finger protein; PLZF		
7527	AL031670	Homo sapiens similar to Zinc finger, C3HC4	1054	100.000
1321	ALOSTO	type (RING finger); match PFAM PF00097;	1034	100.000
		similar to SW:GOLI DROME Q06003 GOLIATH		
		PROTEIN		
7528	AF140501	Homo sapiens RAD30B	4696	99.720
7529	AF116827	Homo sapiens unknown	3851	100.000
7530	U28282	Homo sapiens zinc finger protein	2382	99.443
7531	AF180920	Homo sapiens cyclin ania-6a	2016	100.000
7532	AL031121	Homo sapiens dJ495010.2 (novel protein similar to worm E04F6.2	343	100.000
7533	AB031292	Mus musculus proteolipid protein 2	195	31.746
7534	AL117562	Homo sapiens hypothetical protein	2411	99.425
7535	U25801	Homo sapiens Taxl binding protein	801	98.374
7536	X94910	Homo sapiens ERp28	1682	99.234
7537	X15722	Homo sapiens glutathione reductase (AA 1-479)	3163	100.000
7538	270213	Caenorhabditis elegans predicted using	296	28.910
		Genefinder; Weak similarity to Sea Urchin		
		myosin heavy chain (PIR Acc. No. A37352)		
7539	AF151818	Homo sapiens CGI-60 protein	2142	97.605
7540	AF144700	Homo sapiens small zinc finger-like protein	654	100.000
7541	U46690	Mus musculus ATP-dependent RNA helicase	2643	85.000
7542	L14331	Caenorhabditis elegans coded for by C. elegans	938	44.407
		cDNAs GenBank: CE5D1 (Z14791), CEL01F1		
		(M88817), CEL04B5 (M88849), and		
7542	7 E1 204 C1	CEL04C1(M75812); putative	07.6	100 000
7543 7544	AF139461 AL031775	Homo sapiens hypothetical protein SBBI31	976 599	100.000
7545	AF049523	Homo sapiens dJ30M3.2 (novel protein) Homo sapiens huntingtin-interacting protein	2775	99.764
7545	Ar 04 9 3 2 3	HYPA/FBP11	2773	39.704
7546	AC005521	Homo sapiens similar to yeast SSU72; similar	964	69.543
<u> </u>		to P53538 (PID:g1711532)		
7547	AJ005894	Homo sapiens JM27	703	100.000
7548	AL035464	Homo sapiens dJ1043E3.1 (novel protein)	1211	100.000
7549	AF153605	Homo sapiens androgen induced protein	1625	99.580
7550	U43701	Homo sapiens ribosomal protein L23a	999	100.000
7551 7552	X07523 AF028823	Homo sapiens complement factor H Homo sapiens Tax interaction protein 1	3307 744	100.000
7553	X67155	Homo sapiens mitotic kinase-like protein-1	6116	98.857
7554	AL034353	Schizosaccharomyces pombe putative 60s	282	41.071
/334	ABOSTSSS	ribosomal protein	202	11.0/1
7555	AF143889	Homo sapiens unknown	1190	99.465
7556	X08055	Homo sapiens preglycophorin B	537	100.000
7557	Z93783	Homo sapiens dJ377F16.1 (PUTATIVE novel	975	100.000
7558	AF151845	protein) Homo sapiens CGI-87 protein	2474	99.472
7559	AJ000414	Homo sapiens Cdc42-interacting protein 4	3628	100.000
7560	Z36531	Homo sapiens fibrinogen-like protein	3024	100.000
7561	M29458	Homo sapiens carbonic anhydrase III	1852	100.000
7562	X95384	Homo sapiens 14.5 kDa translational inhibitor	854	100.000
		protein, p14.5		
7563	AF132971	Homo sapiens CGI-37 protein	1192	100.000
7564	AF132484	Mus musculus unknown	897	80.864
7565	X54941	Homo sapiens Cksl protein homologue	561	100.000
7566	AL035369	Homo sapiens hypothetical protein	2450	100.000
7567	U94991	Xenopus laevis transcription factor XLMO1	1051	97.973
7568	AF017096	Drosophila melanogaster similar to C. elegans R10H10.6 and S. cerevisiae YD8419.03c	634	61.379
L	1	ATOMIO.O and D. CELEVISIAE ID0419.030	1	

None None	7569	S73775	Homo sapiens calmitine; calsequestrine	2557	99.231
7571 Y13141 Bromheadia finlaysoniana extensin 122 44.118 7572 USA5431 Homo sapiens CGI-124 protein 153 100.000 7573 AF151882 Homo sapiens CGI-124 protein 153 100.000 7574 AF02913 Homo sapiens GFI transamidase 2640 100.000 7575 Z35604 Unknown CDNA EST EMBL:214593 comes from this gene; CDNA EST EMBL:214593 comes from this gene; CDNA EST EMBL:214593 comes from this gene; CDNA EST EMBL:214593 comes from this gene; CDNA EST EMBL:214593 comes from this gene; CDNA EST EMBL:214593 comes from this gene; CDNA EST EMBL:214593 comes from this gene; CDNA EST EMBL:214593 comes from this gene; CDNA EST EMBL:214593 comes from this gene; CDNA EST EMBL:214593 comes from this gene; CDNA EST EMBL:D75703 7577 7579 AF079317 Spiniqomonas acomaticivorans unknown 777 39.763 7580 299278 Caenorhabditis elegans F45GZ.10 777 39.763 7580 299278 Caenorhabditis elegans CDNA EST EMBL:D75703 617 52.964 7581 AF152583 Homo sapiens unknown 777 39.763 7582 230093 Homo sapiens basic transcription factor 2, 35 2025 99.669 7582 230093 Homo sapiens basic transcription factor 2, 35 2025 99.669 7582 230093 Homo sapiens basic transcription factor 2, 35 2025 99.669 7582 758					
1573 1751882 180mc sapiens Unknown protein 159 70.000				1	
153 100.000					
7575 Z35604 Unknown CDNA EST EMBL:214593 comes from this gene; cDNA EST EMBL:211693 comes from this gene; cDNA EST EMBL:101764 comes from this gene; cDNA EST EMBL:101764 comes from this gene; cDNA EST EMBL:101764 comes from this gene; cDNA EST EMBL:101764 comes from this gene; cDNA EST EMBL:101764 comes from this gene; cDNA EST EMBL:101764 comes from this gene; cDNA EST EMBL:0176777		1			
235604 Unknown CDNA EST EMBL: 214593 comes from this gene; cDNA EST EMBL: 701764 comes from this gene; cDNA EST EMBL: 701764 comes from this gene; cDNA EST EMBL: 701764 comes from this gene; cDNA EST EMBL: 701764 comes from this gene; cDNA EST EMBL: 701764 comes from this gene; cDNA EST EMBL: 701764 comes from this gene; cDNA EST EMBL: 701764 comes from this gene; cDNA EST EMBL: 75703 comes from this gene; cDNA EST EMBL: 75704 comes from this gene; cDNA EST EMBL: 75704 comes from this gene; cDNA EST EMBL: 75704 comes from this gene; cDNA EST EMBL: 75704 comes from this gene; cDNA EST EMBL: 75704 comes from this gene; cDNA EST EMBL: 75704 comes from this gene; cDNA EST EMBL: 75704 comes from this gene; cDNA EST EMBL: 75704 comes from this gene					
gene; cDNA EST EMBL: 701764 comes from this gene; cDNA 11fe 1249 35.000 11fe 1249 35.000 11fe 1249 35.000 126 12					
11fe			gene; cDNA EST EMBL:T01764 comes from this gene; cDNA		
System			life		
7579 AF079317 Sphingomonas aromaticivorans unknown 777 39.763 7580 7592 Caenorhabditis elegans cDNA EST EMBL:D75703 817 52.964 7581		X65020		1249	88.725
Total	7578		Caenorhabditis elegans F45G2.10		57.377
Comes from this gene; cDNA EST yk513g5.3 comes from this gene	7579	AF079317	Sphingomonas aromaticivorans unknown	777	39.763
T582			comes from this gene; cDNA EST yk513g5.3 comes from this gene; cDNA EST yk528b10.3 comes from this gene		
KD subunit				377	100.000
to a protein kinase.			kD subunit	2025	99.669
7585 X16166 Homo sapiens Cytokine 21 624 98.913 7586 U73522 Homo sapiens AMSH 2818 100.000 7587 Y17454 Homo sapiens LSFR1 protein 892 98.496 7588 Y07968 Homo sapiens TFG 2711 99.501 7589 AB023222 Homo sapiens KIAA1005 protein 6867 100.000 7590 U88167 Caenorhabditis elegans No definition line found 124 30.208 7591 AF117657 Homo sapiens thyroid hormone receptorassociated protein complex component TRAP80 4754 99.860 7592 U46754 Aphrodite aculeata nerve myoglobin 186 30.496 7593 X91809 Homo sapiens GAIP 1523 100.000 7594 M1759 Lycopersicon esculentum cell wall hydroxyproline-rich glycoprotein 102 57.143 7595 X76228 Homo sapiens vacuolar H+ ATPase E subunit 1427 100.000 7596 X80333 Mus musculus rabla 1344 99.029 7597 AL022238 Homo sapie			to a protein kinase.	3491	100.000
T586 U73522				3900	
7587 Y17454 Homo sapiens LSFR1 protein 892 98.496 7588 Y07968 Homo sapiens TFG 2711 99.501 7589 AB023222 Homo sapiens KIAA1005 protein 6867 100.000 7590 U88167 Caenorhabditis elegans No definition line found 124 30.208 7591 AF117657 Homo sapiens thyroid hormone receptorassociated protein complex component TRAP80 4754 99.860 7592 U46754 Aphrodite aculeata nerve myoglobin 186 30.496 7593 X91809 Homo sapiens GAIP 1523 100.000 7594 M1759 Lycopersicon esculentum cell wall hydroxygroline-rich glycoprotein 102 57.143 7595 X76228 Homo sapiens vacuolar H+ ATPase E subunit 1427 100.000 7596 X80333 Mus musculus rabl8 1344 99.029 7597 AL022238 Homo sapiens dJ1042K10.2.1 (novel protein with probable rabGAP domains and Src homology domain 3 (isoform 1) 5195 99.871 7598 AJ224875 Homo sapiens KIAA0873 protein 3012 9				624	98.913
7588 Y07968 Homo sapiens TFG 2711 99.501 7589 AB023222 Homo sapiens KIAA1005 protein 6867 100.000 7590 U88167 Caenorhabditis elegans No definition line found 124 30.208 7591 AF117657 Homo sapiens thyroid hormone receptorassociated protein complex component TRAP80 4754 99.860 7592 U46754 Aphrodite aculeata nerve myoglobin 186 30.496 7593 X91809 Homo sapiens GAIP 1523 100.000 7594 M11759 Lycopersicon esculentum cell wall hydroxyproline-rich glycoprotein 102 57.143 7595 X76228 Homo sapiens vacuolar H+ ATPase E subunit 1427 100.000 7596 X80333 Mus musculus rabl8 1344 99.029 7597 AL022238 Homo sapiens dJ1042K10.2.1 (novel protein with probable rabGAP domains and Src homology domain 3) (isoform 1) 5195 99.871 7598 AJ224875 Homo sapiens KIAA0873 protein 3012 99.785 7600 237986 Homo sapiens KIAA0873 protein 1530				2818	100.000
7589 AB023222 Homo sapiens KIAA1005 protein 6867 100.000 7590 U88167 Caenorhabditis elegans No definition line found 124 30.208 7591 AF117657 Homo sapiens thyroid hormone receptorassociated protein complex component TRAP80 4754 99.860 7592 U46754 Aphrodite aculeata nerve myoglobin 186 30.496 7593 X91809 Homo sapiens GAIP 1523 100.000 7594 M11759 Lycopersicon esculentum cell wall hydroxyproline-rich glycoprotein 102 57.143 7595 X76228 Homo sapiens vacuolar H+ ATPase E subunit 1427 100.000 7596 X80333 Mus musculus rabl8 1344 99.029 7597 AL022238 Homo sapiens dJ1042K10.2.1 (novel protein with probable rabGAP domains and Src homology domain 3) (isoform 1) 5195 99.871 7598 AJ224875 Homo sapiens KIAA0873 protein 3012 99.785 7600 Z37986 Homo sapiens KIAA0873 protein 3012 99.785 7601 D43949 Homo sapiens BGTP-binding protein		Y17454	Homo sapiens LSFR1 protein	892	98.496
7590 U88167 Caenorhabditis elegans No definition line found 124 30.208 7591 AF117657 Homo sapiens thyroid hormone receptorassociated protein complex component TRAP80 4754 99.860 7592 U46754 Aphrodite aculeata nerve myoglobin 186 30.496 7593 X91809 Homo sapiens GAIP 1523 100.000 7594 M1759 Lycopersicon esculentum cell wall hydroxyproline-rich glycoprotein 102 57.143 7595 X76228 Homo sapiens vacuolar H+ ATPase E subunit 1427 100.000 7596 X80333 Mus musculus rabl8 1344 99.029 7597 AL022238 Homo sapiens dJ1042K10.2.1 (novel protein with probable rabGAP domains and Src homology domain 3) (isoform 1) 5195 99.871 7598 AJ224875 Homo sapiens glucosyltransferase 3557 99.060 7599 AB020680 Homo sapiens KIAA0873 protein 3012 99.785 7600 Z37986 Homo sapiens This gene is novel. 4103 100.000 7601 D43949 Homo sapiens GTP-binding protein			Homo sapiens TFG	2711	99.501
Found	7589	AB023222		6867	100.000
associated protein complex component TRAP80 7592 U46754 Aphrodite aculeata nerve myoglobin 186 30.496 7593 X91809 Homo sapiens GAIP 1523 100.000 7594 M11759 Lycopersicon esculentum cell wall hydroxyproline-rich glycoprotein 102 57.143 7595 X76228 Homo sapiens vacuolar H+ ATPase E subunit 1427 100.000 7596 X80333 Mus musculus rab18 1344 99.029 7597 AL022238 Homo sapiens dJl042K10.2.1 (novel protein with probable rabGAP domains and Src homology domain 3) (isoform 1) 7598 AJ224875 Homo sapiens glucosyltransferase 3557 99.060 7599 AB020680 Homo sapiens KIAA0873 protein 3012 99.785 7600 Z37986 Homo sapiens This gene is novel. 4103 100.000 7601 D43949 Homo sapiens GTP-binding protein 1530 99.138 7603 Z32683 Caenorhabditis elegans similar to RNA binding protein; cDNA EST EMBL:D73574 comes from this gene; cDNA EST yk613f4.3 comes from this gene 7604 AB007893 Homo sapiens KIAA0433 8170 98.956 7605 A58552 unidentified unnamed protein product 720 100.000 7608 AF055016 Homo sapiens unknown 1511 99.539 7607 AF078848 Homo sapiens BUP 1272 100.000 7608 U28168 Mus musculus GP106 7600 AJ010277 Homo sapiens TBX19 protein 3093 100.000 3093 7600 7600 AJ010277 Homo sapiens TBX19 protein 3093 100.000 3093 7600 7601 AJ010277 Homo sapiens TBX19 protein 3093 100.000 3093 300.0000 3003 300.000000 3003 300.0000 3003 300.00000 3003 300.00000 3003 300.0000 3003 300.00000 3003 300.00000 3003 300.0	7590	U88167		124	30.208
7592 U46754 Aphrodite aculeata nerve myoglobin 186 30.496 7593 X91809 Homo sapiens GAIP 1523 100.000 7594 M11759 Lycopersicon esculentum cell wall hydroxyproline-rich glycoprotein 102 57.143 7595 X76228 Homo sapiens vacuolar H+ ATPase E subunit 1427 100.000 7596 X80333 Mus musculus rabl8 1344 99.029 7597 AL022238 Homo sapiens dJ1042K10.2.1 (novel protein with probable rabGAP domains and Src homology domain 3) (isoform 1) 5195 99.871 7598 AJ224875 Homo sapiens glucosyltransferase 3557 99.060 7599 AB020680 Homo sapiens KIAA0873 protein 3012 99.785 7600 Z37986 Homo sapiens phenylalkylamine binding protein 1611 100.000 7601 D43949 Homo sapiens GTP-binding protein 1530 99.138 7603 Z32683 Caenorhabditis elegans similar to RNA binding protein; cDNA EST EMBL:D73574 comes from this gene; cDNA EST EMBL:D73574 comes from this gene 8170 98.956 7605 A58552	7591	AF117657		4754	99.860
7593 X91809 Homo sapiens GAIP 1523 100.000 7594 M11759 Lycopersicon esculentum cell wall hydroxyproline-rich glycoprotein 102 57.143 7595 X76228 Homo sapiens vacuolar H+ ATPase E subunit 1427 100.000 7596 X80333 Mus musculus rab18 1344 99.029 7597 AL022238 Homo sapiens dJ1042K10.2.1 (novel protein with probable rabGAP domains and Src homology domain 3) (isoform 1) 5195 99.871 7598 AJ224875 Homo sapiens glucosyltransferase 3557 99.060 7599 AB020680 Homo sapiens KIAA0873 protein 3012 99.785 7600 Z37986 Homo sapiens phenylalkylamine binding protein 1611 100.000 7601 D43949 Homo sapiens GTP-binding protein 1530 99.138 7603 Z32683 Caenorhabditis elegans similar to RNA binding protein; cDNA EST EMBL:D73574 comes from this gene; cDNA EST yk613f4.3 comes from this gene 8170 98.956 7604 AB007893 Homo sapiens KIAA0433 8170 98.956 7605 A58552 u	7592	U46754	Aphrodite aculeata nerve myoglobin	186	30.496
hydroxyproline-rich glycoprotein 1427 100.000 7595 X76228 Homo sapiens vacuolar H+ ATPase E subunit 1427 100.000 7596 X80333 Mus musculus rab18 1344 99.029 7597 AL022238 Homo sapiens dJ1042K10.2.1 (novel protein with probable rabGAP domains and Src homology domain 3) (isoform 1) 7598 AJ224875 Homo sapiens glucosyltransferase 3557 99.060 7599 AB020680 Homo sapiens KIAA0873 protein 3012 99.785 7600 Z37986 Homo sapiens phenylalkylamine binding protein 1611 100.000 7601 D43949 Homo sapiens This gene is novel. 4103 100.000 7602 Y07923 Homo sapiens GTP-binding protein 1530 99.138 7603 Z32683 Caenorhabditis elegans similar to RNA binding protein; cDNA EST EMBL:D73574 comes from this gene; cDNA EST yk613f4.3 comes from this gene; cDNA EST yk613f4.3 comes from this gene 7604 AB007893 Homo sapiens KIAA0433 8170 98.956 7605 A58552 unidentified unnamed protein product 720 100.000 7606 AF055016 Homo sapiens unknown 1511 99.539 7607 AF078848 Homo sapiens BUP 1272 100.000 7608 U28168 Mus musculus GP106 7609 AL117237 Homo sapiens hypothetical protein 6229 99.783 7610 AJ010277 Homo sapiens TBX19 protein 3093 100.000 3093 300.000 3093 300.000 3093 300.000 300.000 300.0000 300.000 300.0000 300.0000 300.0000 300.0000 300.0000 300.0000 300.00000 300.00000 300.00000 300.0000000000	7593	X91809		1523	100.000
7596 X80333 Mus musculus rab18 1344 99.029 7597 AL022238 Homo sapiens dJ1042K10.2.1 (novel protein with probable rabGAP domains and Src homology domain 3) (isoform 1) 5195 99.871 7598 AJ224875 Homo sapiens glucosyltransferase 3557 99.060 7599 AB020680 Homo sapiens KIAA0873 protein 3012 99.785 7600 Z37986 Homo sapiens phenylalkylamine binding protein 1611 100.000 7601 D43949 Homo sapiens This gene is novel. 4103 100.000 7602 Y07923 Homo sapiens GTP-binding protein 1530 99.138 7603 Z32683 Caenorhabditis elegans similar to RNA binding protein; cDNA EST EMBL:D73574 comes from this gene; cDNA EST yk613f4.3 comes from this gene 229 41.379 7605 A58552 unidentified unnamed protein product 720 100.000 7606 AF055016 Homo sapiens unknown 1511 99.539 7607 AF078848 Homo sapiens BUP 1272 100.000 7608 U28168 Mus musculus GP106 760<	7594	M11759		102	57.143
7597 AL022238 Homo sapiens dJ1042K10.2.1 (novel protein with probable rabGAP domains and Src homology domain 3) (isoform 1) 5195 99.871 7598 AJ224875 Homo sapiens glucosyltransferase 3557 99.060 7599 AB020680 Homo sapiens KIAA0873 protein 3012 99.785 7600 Z37986 Homo sapiens phenylalkylamine binding protein 1611 100.000 7601 D43949 Homo sapiens GTP-binding protein 1530 99.138 7602 Y07923 Homo sapiens GTP-binding protein 1530 99.138 7603 Z32683 Caenorhabditis elegans similar to RNA binding protein; cDNA EST EMBL:D73574 comes from this gene; cDNA EST yk613f4.3 comes from this gene 8170 98.956 7604 AB007893 Homo sapiens KIAA0433 8170 98.956 7605 A58552 unidentified unnamed protein product 720 100.000 7606 AF055016 Homo sapiens BUP 1272 100.000 7607 AF078848 Homo sapiens BUP 1272 100.000 7608 U28168 Mus musculus GP106 76	7595	X76228	Homo sapiens vacuolar H+ ATPase E subunit	1427	100.000
probable rabGAP domains and Src homology domain 3) (isoform 1)					
7599 AB020680 Homo sapiens KIAA0873 protein 3012 99.785 7600 Z37986 Homo sapiens phenylalkylamine binding protein 1611 100.000 7601 D43949 Homo sapiens This gene is novel. 4103 100.000 7602 Y07923 Homo sapiens GTP-binding protein 1530 99.138 7603 Z32683 Caenorhabditis elegans similar to RNA binding protein; cDNA EST EMBL:D73574 comes from this gene 229 41.379 7604 AB007893 Homo sapiens KIAA0433 8170 98.956 7605 A58552 unidentified unnamed protein product 720 100.000 7606 AF055016 Homo sapiens BUP 1272 100.000 7608 U28168 Mus musculus GP106 760 60.819 7609 AL117237 Homo sapiens hypothetical protein 6229 99.783 7610 AJ010277 Homo sapiens TBX19 protein 3093 100.000			probable rabGAP domains and Src homology	5195	99.871
7600 Z37986 Homo sapiens phenylalkylamine binding protein 1611 100.000 7601 D43949 Homo sapiens This gene is novel. 4103 100.000 7602 Y07923 Homo sapiens GTP-binding protein 1530 99.138 7603 Z32683 Caenorhabditis elegans similar to RNA binding protein; cDNA EST EMBL: D73574 comes from this gene 229 41.379 7604 AB007893 Homo sapiens KIAA0433 8170 98.956 7605 A58552 unidentified unnamed protein product 720 100.000 7606 AF055016 Homo sapiens unknown 1511 99.539 7607 AF078848 Homo sapiens BUP 1272 100.000 7608 U28168 Mus musculus GP106 760 60.819 7609 AL117237 Homo sapiens hypothetical protein 6229 99.783 7610 AJ010277 Homo sapiens TBX19 protein 3093 100.000					
7601 D43949 Homo sapiens This gene is novel. 4103 100.000 7602 Y07923 Homo sapiens GTP-binding protein 1530 99.138 7603 Z32683 Caenorhabditis elegans similar to RNA binding protein; cDNA EST EMBL:D73574 comes from this gene; cDNA EST yk613f4.3 comes from this gene 229 41.379 7604 AB007893 Homo sapiens KIAA0433 8170 98.956 7605 A58552 unidentified unnamed protein product 720 100.000 7606 AF055016 Homo sapiens unknown 1511 99.539 7607 AF078848 Homo sapiens BUP 1272 100.000 7608 U28168 Mus musculus GP106 760 60.819 7609 AL117237 Homo sapiens hypothetical protein 6229 99.783 7610 AJ010277 Homo sapiens TBX19 protein 3093 100.000					
7602 Y07923 Homo sapiens GTP-binding protein 1530 99.138 7603 Z32683 Caenorhabditis elegans similar to RNA binding protein; cDNA EST EMBL: D73574 comes from this gene; cDNA EST yk613f4.3 comes from this gene 229 41.379 7604 AB007893 Homo sapiens KIAA0433 8170 98.956 7605 A58552 unidentified unnamed protein product 720 100.000 7606 AF055016 Homo sapiens unknown 1511 99.539 7607 AF078848 Homo sapiens BUP 1272 100.000 7608 U28168 Mus musculus GP106 760 60.819 7609 AL117237 Homo sapiens hypothetical protein 6229 99.783 7610 AJ010277 Homo sapiens TBX19 protein 3093 100.000					
7603 Z32683 Caenorhabditis elegans similar to RNA binding protein; cDNA EST EMBL: D73574 comes from this gene; cDNA EST yk613f4.3 comes from this gene 229 41.379 7604 AB007893 Homo sapiens KIAA0433 8170 98.956 7605 A58552 unidentified unnamed protein product 720 100.000 7606 AF055016 Homo sapiens unknown 1511 99.539 7607 AF078848 Homo sapiens BUP 1272 100.000 7608 U28168 Mus musculus GP106 760 60.819 7609 AL117237 Homo sapiens hypothetical protein 6229 99.783 7610 AJ010277 Homo sapiens TBX19 protein 3093 100.000					
protein; cDNA EST EMBL: D73574 comes from this gene; cDNA EST yk613f4.3 comes from this gene 7604 AB007893 Homo sapiens KIAA0433 8170 98.956 7605 A58552 unidentified unnamed protein product 720 100.000 7606 AF055016 Homo sapiens unknown 1511 99.539 7607 AF078848 Homo sapiens BUP 1272 100.000 7608 U28168 Mus musculus GP106 760 60.819 7609 AL117237 Homo sapiens hypothetical protein 6229 99.783 7610 AJ010277 Homo sapiens TBX19 protein 3093 100.000					
7604 AB007893 Homo sapiens KIAA0433 8170 98.956 7605 A58552 unidentified unnamed protein product 720 100.000 7606 AF055016 Homo sapiens unknown 1511 99.539 7607 AF078848 Homo sapiens BUP 1272 100.000 7608 U28168 Mus musculus GP106 760 60.819 7609 AL117237 Homo sapiens hypothetical protein 6229 99.783 7610 AJ010277 Homo sapiens TBX19 protein 3093 100.000	7603	Z32683	protein; cDNA EST EMBL:D73574 comes from this	229	41.379
7605 A58552 unidentified unnamed protein product 720 100.000 7606 AF055016 Homo sapiens unknown 1511 99.539 7607 AF078848 Homo sapiens BUP 1272 100.000 7608 U28168 Mus musculus GP106 760 60.819 7609 AL117237 Homo sapiens hypothetical protein 6229 99.783 7610 AJ010277 Homo sapiens TBX19 protein 3093 100.000	7604	AB007893		8170	98.956
7606 AF055016 Homo sapiens unknown 1511 99.539 7607 AF078848 Homo sapiens BUP 1272 100.000 7608 U28168 Mus musculus GP106 760 60.819 7609 AL117237 Homo sapiens hypothetical protein 6229 99.783 7610 AJ010277 Homo sapiens TBX19 protein 3093 100.000					
7607 AF078848 Homo sapiens BUP 1272 100.000 7608 U28168 Mus musculus GP106 760 60.819 7609 AL117237 Homo sapiens hypothetical protein 6229 99.783 7610 AJ010277 Homo sapiens TBX19 protein 3093 100.000				1	
7608 U28168 Mus musculus GP106 760 60.819 7609 AL117237 Homo sapiens hypothetical protein 6229 99.783 7610 AJ010277 Homo sapiens TBX19 protein 3093 100.000					
7609 AL117237 Homo sapiens hypothetical protein 6229 99.783 7610 AJ010277 Homo sapiens TBX19 protein 3093 100.000				1	
7610 AJ010277 Homo sapiens TBX19 protein 3093 100.000					
		AJ010277			
	7611	X95190	Homo sapiens branched chain acyl-CoA oxidase	4547	

7612	K01075	synthetic construct circumsporozoite (CS) fusion prot (partial)	141	26.271
7613	AL023859	Unknown SPBC19C7.07c, putative tRNA splicing	281	25.436
1013	ALU23839	endonuclease ga mma subunit, len:284aa,	201	25.436
7614	AF100748	similar eg. Homo sapiens HSPC035 protein	2389	99.410
7615	S75997	Rattus sp. nucleoporin p62 homolog	227	36.184
7616	X66295	Mus musculus C1q C chain	1273	73.171
7617	U72680	Mus musculus ion channel homolog RIC	437	48.913
7618	AB028962	Homo sapiens KIAA1039 protein	2901	99.097
7619	AF132966	Homo sapiens CGI-32 protein	1750	99.267
7620			2991	100.000
7621	AF042284 AB002377	Homo sapiens unknown Homo sapiens KIAA0379	5874	100.000
7622	X55681		173	34.524
7623		Lycopersicon esculentum extensin (class I)	1	100.000
1623	AC005023	Homo sapiens match to EST AA361117	1021	100.000
7624	X78925	(NID:g2013436) Homo sapiens zinc finger protein	5133	99.727
7625	AF044956			100.000
1625	AF044956	Homo sapiens NADH:ubiquinone oxidoreductase B22 subunit	1311	100.000
7626	X03084	Homo sapiens Clq B-chain precursor	1598	100.000
7627	AF064257	Homo sapiens Dhm1-like protein	6589	98.947
7628	AC007055	Homo sapiens unknown	1337	100.000
7629	AC005253	Homo sapiens R26445 1	1191	100.000
7630	AL031179	Schizosaccharomyces pombe hypothetical protein	192	29.577
7631	X03077	Homo sapiens lactate dehydrogenase-A	2167	100.000
7632	M16424	Homo sapiens beta-hexosaminidase alpha chain	3651	100.000
7633	277667	Caenorhabditis elegans cDNA EST EMBL:C08125	1034	38.673
' ' ' ' '		comes from this gene; cDNA EST EMBL:C09753	1001	33.373
		comes from this gene		
7634	X02544	Homo sapiens alphal-acid glycoprotein	1338	99.502
7635	AC004000	Homo sapiens match to EST AA085966	491	100.000
		(NID:g1629547)		
7636	U47924	Homo sapiens B-cell receptor associated	1872	100.000
		protein		
7637	X17025	Homo sapiens homologue of yeast IPP isomerase	1537	100.000
7638	AF129131	Xenopus laevis putative Zic3 binding protein;	1094	75.000
		CBP3 protein homolog		
7639	M57424	Homo sapiens adenine nucleotide translocator-2	1876	92.905
7640	U57344	Mus musculus Meis3	2357	89.153
7641	U57344	Mus musculus Meis3	2067	81.266
7642	AF033120	Homo sapiens p53 regulated PA26-T2 nuclear	1765	58.439
		protein		
7643	AF052193	Gallus gallus translation repressor	506	100.000
7644	U27838	Mus musculus glycosyl-phosphatidyl-inositol-	4246	96.189
		anchored protein homolog		
7645	AB008549	Homo sapiens type 1 procollagen C-proteinase	3096	100.000
		enhancer protein		
7646	D79990	Homo sapiens KIAA0168	1147	58.567
7647	L14429	Caenorhabditis elegans putative	497	88.235
7648	AL023496	Streptomyces coelicolor hypothetical protein	202	34.483
7649	AF098669	Emericella nidulans pantothenate kinase	608	36.943
7650	AF151869	Homo sapiens CGI-111 protein	1256	98.492
7651	U79258	Homo sapiens unknown	797	100.000
7652	บ77327	Homo sapiens Ki-1/57 intracellular antigen	2064	98.997
7653	X51466	Homo sapiens elongation factor 2	5711	100.000
7654	X83618	Homo sapiens hydroxymethylglutaryl-CoA	3368	99.803
7655	V02544	synthase	1220	00 500
7655	X02544	Homo sapiens alphal-acid glycoprotein	1338	99.502
7656	D50646	Mus musculus SDF2	905	65.482

7657	AF102805	Drosophila melanogaster Peter Pan	976	35.745
7658	AL031431	Homo sapiens dJ462023.2 (novel protein)	2614	100.000
7659	X83300	Homo sapiens SMA4	993	99.286
7660	K03207	Homo sapiens salivary proline-rich protein	1712	89.879
		precursor	1/12	
7661	AJ000342	Homo sapiens DMBT1/6kb.1 protein	1281 5	99.888
7662	X54134	Homo sapiens protein-tyrosine phosphatase	4739	100.000
7663	AL031709	Homo sapiens c316G12.3 (novel protein)	2093	100.000
7664	S45367	Canis familiaris centractin	2488	100.000
7665	M27444	Bos taurus phosphoprotein	1218	90.196
7666	AF007889	Symbiodinium microadriaticum calmodulin	845	91.304
7667	X97324	Homo sapiens adipophilin	2740	99.542
7668	X14479	Canis familiaris calcyphosin (AA 1-189)	726	55.738
7669	Z38113	Saccharomyces cerevisiae orf, len: 99, CAI=0.21	262	42.424
7670	M65066	Homo sapiens cAMP-dependent protein kinase RI- beta regulatory subunit	2497	99.737
7671	AJ001340	Homo sapiens U3 snoRNP associated 55 kDa protein	3168	100.000
7672	U88573	Homo sapiens NBR2	419	95.082
7673	AF077030	Homo sapiens hypothetical 43.2 kDa protein	581	32.283
7674	Z32840	Unknown similar to TCP-1 like chaperonin; cDNA EST EMBL: Z14945 comes from this gene; cDNA EST EMBL:	2514	68.470
7675	U40060	Caenorhabditis elegans weakly similar to E. nidulans bimA gene product (SP:P17885)	1086	39.367
7676	AL080125	Homo sapiens hypothetical protein	3827	100.000
7677	D80002	Homo sapiens KIAA0180	2380	100.000
7678	Z49878	Homo sapiens guanidinoacetate N- methyltransferase	1640	100.000
7679	AF092092	Homo sapiens AP-3 adaptor complex mu3A subunit	2760	100.000
7680	X95073	Homo sapiens Translin associated protein X	1890	100.000
7681	Z68218	Caenorhabditis elegans K01H12.1	348	67.143
7682	Y12065	Homo sapiens hNop56	3730	98.833
7683	AF110956	Homo sapiens SUMO-1 activating enzyme subunit 1	2280	100.000
7684	AL022476	Homo sapiens dJ323M22.2.1 (novel protein similar to KIAA0173 and worm Tubulin Tyrosine Ligase) (isoform 1)	2864	100.000
7685	AL050373	Homo sapiens hypothetical protein	2230	100.000
7686	AF151879	Homo sapiens CGI-121 protein	1092	100.000
7687	AF093680	Homo sapiens transcription factor IIB	1281	100.000
7688	AL080125	Homo sapiens hypothetical protein	4064	100.000
7689	X57814	Homo sapiens immunoglobulin lambda light chain	1483	96.203
7690	AF153609	Homo sapiens serine/threonine protein kinase sgk	1878	67.561
7691	AF056617	Homo sapiens BWSCR2 associated zinc-finger protein BAZ1	4365	100.000
7692	S70312	Homo sapiens alpha-adducin {IT10C2, alternatively spliced}	209	97.059
7693	AL031228	Homo sapiens dJ1033B10.8.1 (Ring finger protein 1 (RING1, RNF1))	2607	100.000
7694	AL031324	Schizosaccharomyces pombe very hypothetical protein	210	40.909
7695	X83543	Homo sapiens APXL	1102	100.000
7696	AL035307	Homo sapiens hypothetical protein	1985	89.736
7697	AF067136	Homo sapiens protein phosphatase-1 regulatory	288	42.958

	1	subunit 7 alpha2	т	T
7698	AJ012008	Homo sapiens DDAH protein	1901	100.000
7699	AL117428	Homo sapiens hypothetical protein	3990	100.000
7700	AF084259	Mus musculus bromodomain-containing protein	1137	36.013
		BP75		
7701	U71383	Homo sapiens OB binding protein-2	3754	99.819
7702	AF067406	Homo sapiens vascular adhesion protein-1;	5178	97.772
		semicarbazide sensitive amine oxidase; copper-		
		containing amine oxidase homolog		
7703	X74837	Homo sapiens Man9-mannosidase	4199	99.840
7704	X04494	Homo sapiens precursor polypeptide	2437	100.000
7705	AF135157	Homo sapiens complement Clq A chain precursor	1718	100.000
7706	AB009282	Homo sapiens cytochrome b5	968	99.315
7707	U91541	Homo sapiens human formiminotransferase	928	100.000
		cyclodeaminase (ftcd)protein, carboxy-terminal		
		end		
7708	AF151893	Homo sapiens CGI-135 protein	947	98.684
7709	Y00752	Rattus norvegicus serine dehydratase (AA 1 -	1281	61.562
		327)		
7710	AF159133	Oryza sativa subsp. indica SIR2-like protein	523	40.984
7711	M94065	Homo sapiens dihydroorotate dehydrogenase	2551	99.241
7712	AJ006973	Homo sapiens TOM1	3225	100.000
7713	AC004528	Homo sapiens R32184_1	2891	99.304
7714	L11702	Homo sapiens phospholipase D	5653	99.761
7715	AL050280	Homo sapiens hypothetical protein	2481	100.000
7716	U28412	Caenorhabditis elegans similar to polyposis	558	52.174
		locus protein 1 (SP:DP1 HUMAN, Q00765)	<u> </u>	
7717	AE001044	Archaeoglobus fulgidus carboxylesterase (est-	258	25.726
7718	Z71316	Saccharomyces cerevisiae ORF YNL040w	513	28.029
7719	AF132954	Homo sapiens CGI-20 protein	1824	99.638
7720	X71129	Homo sapiens electron transfer flavoprotein	1613	99.608
		beta subunit		
7721	AL035602	Arabidopsis thaliana putative protein	840	37.845
7722	AJ133534	Homo sapiens prenylated Rab acceptor 1 (PRA1)	1224	99.459
7723	X67250	Rattus norvegicus n-chimaerin	2184	97.006
7724	Z77654	Caenorhabditis elegans predicted using	225	31.356
		Genefinder; Similarity to Drosophila RNA		
		binding protein squid (SW:SQD_DROME); cDNA EST		
		yk638a1.3 comes from this gene		
7725	S82637	Homo sapiens Ig lambda-like gene/beta-	317	100.000
		glucuronidase exon 11 homolog		
7726	Y07847	Homo sapiens RRP22 protein	1420	100.000
7727	X82224	Homo sapiens glutaminephenylpyruvate	2906	100.000
7700	77.040000	aminotransferase	0700	00.015
7728	AL049989	Homo sapiens hypothetical protein	2730	99.045
7729	U05784	Rattus norvegicus light chain 3 subunit of	777	96.000
7730	AF056184	microtubule-associated proteins 1A and 1B	1400	00 142
1130	AF050184	Homo sapiens WS basic-helix-loop-helix leucine zipper protein	1499	99.142
7731	U82381	Homo sapiens proline dehydrogenase/proline	3335	99.802
1131	002301	oxidase	3333	99.602
7732	Y16346	Homo sapiens COLIA1 and PDGFB fusion	99	37.500
,,,,,	110040	transcript	99	37.300
7733	S77099	Drosophila pseudoobscura, Peptide, 149 aa Jan	343	44.800
, , 55] 3	A	535	13.000
7734	AF118240	Homo sapiens peroxisomal biogenesis factor 16	2218	99.405
11123	I WETTOTAN			
7735	AF060862	Homo sapiens unknown	547	96.296

	1	Laurence de la constant de la consta		1
7727	747356	transport protein	1240	F0 000
7737	Z47356 .	Caenorhabditis elegans similar to DNAJ	1348	58.892
7738	AC003028	Arabidopsis thaliana unknown protein	150	29.825
7739	AC002550	Homo sapiens Unknown gene product	1244	100.000
7740	AF095927	Rattus norvegicus protein phosphatase 2C	2475	95.153
7741	U14003	Escherichia coli Kenn Rudd identifies as gpmB	199	35.156
7742	AJ224639	Homo sapiens Surf5b	1290	99.500
7743	AB004534	Schizosaccharomyces pombe pi015	246	25.105
7744	AB002368	Homo sapiens KIAA0370	5083	100.000
7745	X64002	Homo sapiens RAP74	3384	99.807
7746	AF070572	Homo sapiens unknown	4096	100.000
7747	Z96932	Homo sapiens nuclear autoantigen fo 14 kDa	735	99.160
7748	AL117458	Homo sapiens hypothetical protein	2341	100.000
7749	X69910	Homo sapiens P63 protein	3775	99.336
7750	U80736	Homo sapiens CAGF9	2129	99.091
7751	AC005609	Homo sapiens KIAA0345-like 4	5346	99.279
7752	Z99112	Bacillus subtilis similar to hypothetical proteins	506	34.127
7753	AB014514	Homo sapiens KIAAO614 protein	1073	100.000
		F	6	
7754	AF097518	Homo sapiens liver-specific transporter	3611	100.000
7755	U47101	Homo sapiens NifU-like protein	779	100.000
7756	AJ005897	Homo sapiens JM5	2429	100.000
7757	AC004997	Unknown match to ESTs AA667999 (NID:g2626700),	3045	100.000
		AA165465 (NID:g1741481), Z45871 (NID:g575105),		
		and		
7758	Y16790	Homo sapiens keratin type I	2592	99.239
7759	AF091621	Catharanthus roseus ubiquitin-conjugating enzyme E2	513	51.370
7760	Z98981	Schizosaccharomyces pombe hypothetical protein	225	39.450
7761	V00148	Caenorhabditis elegans unnamed protein product	164	39.024
7762	AL022729	Homo sapiens hypothetical protein	1200	98.925
7763	AF091087	Homo sapiens unknown	309	100.000
7764	AL049746	Arabidopsis thaliana putative protein	862	65.746
7765	AJ222969	Mus musculus S-periaxin	156	27.835
7766	AB014525	Homo sapiens KIAA0625 protein	5286	99.874
7767	AC002342	Arabidopsis thaliana Dreg-2 like protein	348	32.075
7768	AF151855	Homo sapiens CGI-97 protein	1538	96.400
7769	U41559	Caenorhabditis elegans No definition line found	311	26.724
7770	AF025459	Caenorhabditis elegans No definition line	261	28.326
		found		
7771	M74555	Mus musculus house-keeping protein	1452	53.061
7772	Z50194	Homo sapiens PQ-rich protein	2794	96.750
7773	X79888	Homo sapiens AU-binding protein/Enoyl-CoA hydratase	514	59.504
7774	U37251	Homo sapiens Description: KRAB zinc finger	254	43.689
		protein; this is a splicing variant that		
		contains a stop codon and frame shift between		
		the KRAB box and the zinc finger region;		
		Method: conceptual translation supplied by		
		author	<u></u>	
7775	D42084	Homo sapiens KIAA0094 gene product is related	2745	100.000
		to S.cerevisiae methionine aminopeptidase.		
7776	AL022117	Schizosaccharomyces pombe hypothetical protein	413	41.379
7777	AF173378	Homo sapiens 60S acidic ribosomal protein PO	1567	99.582
7778	Z25821	Homo sapiens dodecenoyl-CoA delta-isomerase	1966	100.000
7779	AC007231	Arabidopsis thaliana putative disease	825	39.640
	<u></u>	resistance protein		

7780	AF110643	Homo sapiens UMP-CMP kinase	1296	100.000
7781	U88173	Caenorhabditis elegans weak similarity to	418	80.822
//01	000173	Arabidopsis thaliana ubiquitin-like protein 8	410	00.022
7782	X95826	Homo sapiens mono-ADP-ribosyltransferase	1768	99.251
7783	M12098	Rattus norvegicus myosin heavy chain	164	24.458
7784	AF151899	Homo sapiens CGI-141 protein	848	94.286
7785	AF177862	Homo sapiens HN1 protein	1030	100.000
7786	M97589	Homo sapiens prostatic acid phosphatase	311	27.295
7787	X54352	Mus musculus domesticus ORF MD6	2778	97.852
7788	AF049090	Homo sapiens casein kinase I gamma 3L	3101	99.560
7789	U69263	Homo sapiens matrilin-2 precursor	625	82.787
7790	AF053356	Homo sapiens ORF3, splicevariant b	1599	100.000
7791	X54162	Homo sapiens 64 Kd autoantigen	3694	99.301
7792	AF184939	Homo sapiens LDL induced EC protein	575	52.023
7793	X75593	Homo sapiens rab 13	1320	100.000
7794	AF118670	Homo sapiens orphan G protein-coupled receptor	2496	100.000
7795	AL117639	Homo sapiens hypothetical protein	1718	99.621
7796	U29463	Homo sapiens cytochrome b561	1643	98.805
7797	AL110479	Caenorhabditis elegans predicted using	916	47.535
		Genefinder; preliminary prediction		
7798	AB024984	Mus musculus Sid329p	2524	98.649
7799	AJ005273	Homo sapiens Kin17	2556	100.000
7800	AF152463	Homo sapiens RAB14 protein	1417	99.535
7801	M81231	Rattus norvegicus primary translation product of SP-D	639	35.738
7802	X02530	Homo sapiens early response precursor polypeptide (aa-21 to 77)	631	98.980
7803	AF121860	Homo sapiens sorting nexin 10	1341	98.507
7804	AC006233	Arabidopsis thaliana hypothetical protein	156	46.429
7805	AF100740	Homo sapiens ARF-family of Ras related GTPases	1187	100.000
7806	X86030	Vigna unguiculata extensin-like protein	218	31.405
7807	AJ243972	Homo sapiens 6-phosphogluconolactonase	1694	99.612
7808	AF058953	Homo sapiens ATP-specific succinyl-CoA	2741	100.000
		synthetase beta subunit		
7809	Z82192	Homo sapiens dJ18601.1	820	100.000
7810	S58722	Homo sapiens X-linked retinopathy protein {C-terminal, clone XEH.8c}	272	66.667
7811	AF139658	Homo sapiens origin recognition complex subunit 6	965	100.000
7812	J04204	Bos taurus 32 kd accessory protein	2213	100.000
7813	L37877	Filobasidiella neoformans ribosomal protein L27	241	45.349
7814	AF116865	Mus musculus hedgehog-interacting protein	4208	93.858
7815	X66975	Homo sapiens nuclear ribonucleoprotein	3362	95.332
7816	AF151864	Homo sapiens CGI-106 protein	1431	100.000
7817	X99906	Homo sapiens alpha endosulfine	798	100.000
7818	AF110520	Mus musculus NG29	968	56.884
7819	AB015339	Homo sapiens HRIHFB2255	868	55.556
7820	AC006233	Arabidopsis thaliana hypothetical protein	147	48.000
7821	AF111856	Homo sapiens sodium dependent phosphate transporter isoform NaPi-3b	4595	99.855
7822	AF151835	Homo sapiens CGI-78 protein	973	59.167
7823	AF092094	Homo sapiens AP-4 adaptor complex beta4 subunit	4916	99.865
7824	D13208	Mus musculus 8hs20 protein precursor	514	65.487
7825	X94355	Cowpox virus D17L	261	29.412
7826	AC002388	Arabidopsis thaliana 60S ribosomal protein L30 isolog	628	60.140
7827	U28412	Caenorhabditis elegans similar to polyposis	515	47.134
			•	

	T	locus protein 1 (SP:DP1 HUMAN, Q00765)		
7828	X93036	Homo sapiens MAT8 protein	608	100.000
7829	AF060862	Homo sapiens unknown	302	85.417
7830	AB020630	Homo sapiens KIAA0823 protein	977	43.765
7831	AJ001874	Homo sapiens orf	524	98.701
7832	Z78542	Unknown predicted using Genefinder; cDNA EST	261	35.156
		EMBL: Z14514 comes from this gene; cDNA EST		
-		EMBL: D71033		
7833	AJ002309	Homo sapiens synaptogyrin 3	1471	100.000
7834	AB021866	Homo sapiens CIB	50	38.095
7835	AC005067	Homo sapiens Supported by Human EST H08032.1	2465	100.000
		(NID:g872854), mouse EST AA870042.1		
		(NID:g2965487), and genscan		l
7836	D86971	Homo sapiens no similarities to reported gene	4509	99.851
		products		
7837	X91504	Homo sapiens GTPase	1339	100.000
7838	X99584	Homo sapiens SMT3A protein	669	98.058
7839	AL031778	Homo sapiens dJ34B21.3 (PUTATIVE novel	539	100.000
		protein)		
7840	X66295	Mus musculus Clq C chain	1273	73.171
7841	M96264	Homo sapiens galactose-1-phosphate uridyl	2668	100.000
		transferase		
7842	X77307	Homo sapiens 5-HT2B serotonin receptor	3109	100.000
7843	AC004625	Arabidopsis thaliana unknown protein	244	44.660
7844	Z49968	Caenorhabditis elegans weak similarity to the	200	40.909
		yeast SSM4 protein (Swiss Prot accession		
		number P40318)		
7845	AF001602	Homo sapiens paraoxonase	154	100.000
7846	Y11411	Homo sapiens pristanoyl-CoA oxidase	4620	99.000
7847	AJ235270	Rickettsia prowazekii GLUTAMYL-tRNA	1206	40.562
		AMIDOTRANSFERASE SUBUNIT A (gatA)		
7848	AF181856	Rattus norvegicus tRNA selenocysteine	1941	99.303
7040	77.025200	associated protein		
7849	AL035398	Homo sapiens dJ796I17.2 (CGI-51)	3174	99.787
7850	X53064	Homo sapiens small proline-rich protein	628	100.000
7851	X04366	Homo sapiens CANP, large subunit (aa 1-714)	4816	100.000
7852	AF151834	Homo sapiens CGI-76 protein	2156	99.077
7853	U89649	Chlamydomonas reinhardtii Mr19,000 outer arm	319	34.454
7854	AL050008	dynein light chain Homo sapiens hypothetical protein	761	56.923
7855	J05019	Mus musculus high affinity IgE receptor beta	229	28.641
7633	003019	subunit	229	20.041
7856	AJ009985	Homo sapiens annexin 31 (annexin XXXI)	2147	100.000
7857	AF115345	Homo sapiens calcium-regulated heat stable	1017	99.320
'03'	ALIIJJ4J	protein CRHSP-24	1017	39.320
7858	Z29328	Homo sapiens Ubiquitin-conjugating enzyme	1228	100.000
"""	22320	UbcH2	1220	100.000
7859	AF125175	Homo sapiens angiopoietin-related protein-2	3433	100.000
7860	U29488	Caenorhabditis elegans No definition line	729	55.349
		found		
7861	AJ002030	Homo sapiens progresterone binding protein	1492	100.000
7862	AL080097	Homo sapiens hypothetical protein	1835	100.000
7863	AJ249248	Homo sapiens putative G protein-coupled	2270	100.000
		Receptor		
7864	X07743	Homo sapiens pleckstrin (AA 1-350)	2360	99.714
7865	X57158	Gallus gallus CHOX M product	907	78.736
7866	X70649	Homo sapiens member of DEAD box protein family	5029	100.000
7867	AF141309	Homo sapiens polyamine modulated factor-1	1072	98.788
7868	AF072128	Mus musculus claudin-2	1404	91.304
			•	

7869	AF093204	Gallus gallus unknown	452	62.626
7870	AC005162	Homo sapiens probable carboxypeptidase	2014	100.000
7070	110000102	precursor; 64% similar to P42660		
		(PID:g1718107)		
7871	Z72576	Saccharomyces cerevisiae ORF YGL054c	357	42.446
7872	AF020797	Homo sapiens AP-mu chain family member mulB	2730	99.764
7873	AF145316	Homo sapiens vacuolar proton pump delta	1515	100.000
		polypeptide		
7874	X63417	Homo sapiens IRLB	1331	100.000
7875	AC004472	Homo sapiens P1.11659_4	2107	95.798
7876	J00287	Homo sapiens pepsinogen	2579	99.742
7877	AL022020	Mycobacterium tuberculosis hypothetical	254	33.835
7878	AB006628	protein Rv1920	6072	100.000
7878	AF159063	Homo sapiens KIAA0290 Homo sapiens SKD1-homolog	2872	100.000
7880	Y09333	Rattus norvegicus mitochondrial very-long-	2285	74.066
7880	109333	chain acyl-CoA thioesterase	2203	74.000
7881	M59488	Homo sapiens S100 protein beta subunit	606	100.000
7882	X98506	Solanum tuberosum acetyl-CoA synthetase	2624	59.685
7883	AC005545	Homo sapiens R26660 2, partial CDS	199	100.000
7884	AF022977	Caenorhabditis elegans contains similarity to	227	36.885
		leucine-rich repeats (LRR)		
7885	S62904	Homo sapiens thiopurine methyltransferase, TPMT {EC 2.1.1.67}	1692	100.000
7886	AC006153	Homo sapiens similar to Aquifex aeolicus GTP-	1283	88.793
, 000	1100001	binding protein; similar to AE000771		
		(PID:g2984292)		
7887	AJ001016	Homo sapiens RAMP3	1044	100.000
7888	AL031633	Caenorhabditis elegans cDNA EST yk404d1.5	530	43.243
		comes from this gene; cDNA EST yk404d1.3 comes		
		from this gene; cDNA EST yk672a9.3 comes from		
		this gene	<u> </u>	1 25 222
7889	AE001023	Archaeoglobus fulgidus A. fulgidus predicted coding region AF1178	206	35.000
7890	D00763	Homo sapiens proteasome subunit C9	1682	100.000
7891	AL050040	Homo sapiens hypothetical protein	2713	100.000
7892	X53799	Homo sapiens macrophage inflammatory protein-	682	100.000
		2alpha precursor		
7893	AF151853	Homo sapiens CGI-95 protein	1546	100.000
7894	X57802	Homo sapiens immunoglobulin lambda light chain	1439	92.704
7895	X75208	Homo sapiens protein tyrosine kinase-receptor	6755 335	100.000
7896 7897	AL021453 AF110645	Homo sapiens dJ821D11.1 (PUTATIVE protein) Homo sapiens candidate tumor suppressor p33	1683	100.000
1091	AFIIU045	ING1 homolog	1003	100.000
7898	Y08565	Homo sapiens UDP-GalNAc:polypeptide N-	4280	99.839
, 000		acetylgalactosaminyltransferase		
7899	AF043350	Homo sapiens lymphocyte-specific protein 1	293	100.000
7900	AF061023	Gallus gallus ChT1	180	20.879
7901	U28412	Caenorhabditis elegans similar to polyposis	543	49.080
		locus protein 1 (SP:DP1_HUMAN, Q00765)		
7902	AF186772	Homo sapiens surfeit 6 protein	2301	99.446
7903	L16991	Homo sapiens thymidylate kinase	1376	98.585
7904	Y13835	Homo sapiens farnesylated-proteins converting enzyme 2	2269	100.000
7905	Z22555	Homo sapiens CLA-1	3422	99.607
7906	AL035521	Arabidopsis thaliana putative protein	417	41.772
7907	AF026246	Homo sapiens HERV-E integrase	498	86.250
7908	AL117473	Homo sapiens hypothetical protein	2778	100.000
7909	AL109736	Schizosaccharomyces pombe WD repeat protein	822	41.319

7010	7110477	Consubabilitie alegans muskigted using	1000	30 404
7910	AL110477	Caenorhabditis elegans predicted using	1000	39.484
		Genefinder; cDNA EST yk551g5.3 comes from this		
7911	AL049946	gene	3936	99.486
7911	AF115384	Homo sapiens hypothetical protein Homo sapiens LR8	1747	98.519
7912	X98253	Homo sapiens ZNF183	2392	100.000
7913	AF151816		2392	99.713
7914	L19684	Homo sapiens CGI-58 protein Homo sapiens kallistatin	1128	43.972
7916	AJ238979	Homo sapiens annexin AlO protein	2198	99.074
7917	D87470	Homo sapiens KIAA0280	1989	100.000
7918	AF045606	Homo sapiens C21orf4	1091	99.367
7919	AF119297	Homo sapiens cziorią Homo sapiens neuroendocrine-specific protein-	1482	99.576
1313	Ariijzji	like protein 1	1402	99.576
7920	AF151906	Homo sapiens CGI-148 protein	1184	98.324
7921	AL121733	Homo sapiens hypothetical protein	414	36.946
7922	AF094516	Homo sapiens El-like protein	4764	100.000
7923	AL117183	Schizosaccharomyces pombe very hypothetical	191	33.113
/ 923	AUII/103	protein	1 2 1	33.113
7924	Z50028	Caenorhabditis elegans cDNA EST yk321h8.5	776	33.915
1324	230028	comes from this gene; cDNA EST EMBL:D68896	1 ' ' '	33.913
		comes from this gene; cDNA EST yk395f9.5 comes		
		from this gene; cDNA EST yk360f12.5 comes from		
		this gene		
7925	U16307	Homo sapiens glioma pathogenesis-related	437	38.953
'	010307	protein	13 /	30.333
7926	Y10696	Homo sapiens INE1	370	98.039
7927	X13956	Homo sapiens 9kD protein (AA 1-82)	243	91.667
7928	Z46789	Bos taurus cylicin II	202	24.590
7929	AL050137	Homo sapiens hypothetical protein	2921	99.769
7930	Z66521	Caenorhabditis elegans similar to	1012	51.333
		mitochondrial RNA splicing MSR4 like protein;		
		cDNA EST EMBL: C09217 comes from this gene		
7931	AL117540	Homo sapiens hypothetical protein	856	96.875
7932	AB028954	Homo sapiens KIAA1031 protein	6512	100.000
7933	X55740	Homo sapiens 5'-nucleotidase	3833	99.826
7934	AF132174	Drosophila melanogaster unknown	361	29.310
7935	A01046	Homo sapiens lipase	2717	100.000
7936	X68274	Homo sapiens TAG-1/axonin-1	6974	99.519
7937	AF018034	Homo sapiens endothelin converting enzyme-1	147	36.364
7938	U69172	Mus musculus unknown	1142	66.192
7939	AB001684	Chlorella vulgaris ORF54d	105	53.125
7940	L08069	Homo sapiens DNAJ homologue-2	2030	73.618
7941	X82895	Homo sapiens DLG2	3799	99.826
7942	Y14768	Homo sapiens V-ATPase G-subunit like protein	753	100.000
7943	AB013721	Oryctolagus cuniculus mitsugumin 23	1374	88.477
7944	U72970	Sus scrofa calcium/calmodulin-dependent	3487	100.000
		protein kinase II isoform gamma-B		
7945	AL110235	Homo sapiens hypothetical protein	1099	99.387
7946	L13291	Homo sapiens ADP-ribosylarginine hydrolase	1035	45.915
7947	AF125096	Homo sapiens HSPC042 protein	697	100.000
7948	D50917	Homo sapiens The KIAA0127 gene product is	244	26.923
		novel.		
7949	AF085361	Homo sapiens HSPC032	2043	100.000
7950	M20030	Homo sapiens small proline rich protein	126	39.623
7951	U00032	Caenorhabditis elegans No definition line	383	43.333
		found		
7952	X92814	Homo sapiens homologous to rat HREV107	1065	99.383
		(ACC.NO. X76453)		<u> </u>
7953	Z50026	Bos taurus phosphatidylcholine transfer	1217	81.132

		protein	T	
7954	AF059531	Homo sapiens protein arginine N-	3391	99.805
/ / / / /	MIOSSSI	methyltransferase 3	3331	55.005
7955	AF009242	Homo sapiens proline-rich Gla protein 1	1493	100.000
7956	U94586	Homo sapiens NADH:ubiquinone oxidoreductase	567	100.000
		MLRQ subunit		
7957	AL050352	Arabidopsis thaliana putative protein	212	41.333
7958	AL050100	Homo sapiens hypothetical protein	211	53.968
7959	AL050253	Homo sapiens hypothetical protein	5426	100.000
7960	AL034562	Homo sapiens dJ684024.2 (prodynorphin (Beta-	1709	100.000
		Neoendorphin-Dynorphin precursor,		
	L	Proenkephalin B precursor))		
7961	AL117444	Homo sapiens hypothetical protein	2760	100.000
7962	AF144638	Homo sapiens sphingosine-1-phosphate lyase	3786	99.824
7963	Y15286	Homo sapiens vacuolar proton-ATPase subunit M9.2	444	71.250
7964	AF071062	Homo sapiens disabled-1	3689	99.457
7965	X83006	Homo sapiens disabled-1 Homo sapiens neutrophil gelatinase associated	276	40.367
7505	X03000	lipocalin	270	40.307
7966	U34973	Mus musculus protein tyrosine phosphatase-like	1449	95.964
7967	X78627	Homo sapiens translin	1452	100.000
7968	AF150087	Homo sapiens small zinc finger-like protein	557	100.000
7969	AJ011895	Homo sapiens Nafl alpha protein	4210	100.000
7970	M27071	Mus musculus protein phosphatase 1	2177	99.682
7971	M23234	Homo sapiens P-glycoprotein	8147	99.609
7972	AJ132445	Homo sapiens claudin-14	1487	99.103
7973	U47924	Homo sapiens B-cell receptor associated protein	1872	100.000
7974	U66411	Drosophila melanogaster putative type III	1307	49.403
' ' ' '	000111	alcohol dehydrogenase	130,	13.103
7975	AF151863	Homo sapiens CGI-105 protein	2122	99.682
7976	M36803	Homo sapiens hemopexin	3365	100.000
7977	X63629	Homo sapiens p-cadherin	5547	99.759
7978	Y10376	Homo sapiens SIRP-betal	2636	99.497
7979	M86510	Schistosoma mansoni glutathione peroxidase	431	43.125
7980	AJ238096	Homo sapiens Lsm4 protein	973	100.000
7981	AF092128	Homo sapiens putative transmembrane protein E3-16	1798	100.000
7982	X89969	Bos taurus polyA binding protein II	2062	99.346
7983	AL110239	Homo sapiens hypothetical protein	1579	99.578
7984	AF007170	Homo sapiens unknown	3714	99.645
7985	AF176116	Homo sapiens Down Syndrome candidate region 1-	1617	100.000
7006	AFOOOFO	like protein 2		55 202
7986	AE000850	Methanobacterium thermoautotrophicum transcriptional regulator	541	55.303
7987	AF098284	Cloning vector pERV3 retinoic acid receptor	3127	99.784
, , , , , ,	M1030204	RXR	3127	33.704
7988	AL023592	Schizosaccharomyces pombe hypothetical protein	241	28.934
7989	AL035496	Homo sapiens dJ437022.1 (novel VHS domain	438	100.000
		containing protein similar to predicted worm		
7990	AF058448	and human proteins) Homo sapiens herpesvirus entry protein B	3219	100.000
7991	Z48795	Unknown similarity to a thioredoxin-like	3213	37.255
		protein from Bacillus subtilis (Swiss Prot	1 222	37.233
		accession numbe	<u> </u>	
7992	AJ005866	Homo sapiens Sqv-7-like protein	1669	99.617
7993	AL049929	Homo sapiens hypothetical protein	2118	99.697
7994	AL049699	Homo sapiens dJ747H23.2 (novel protein)	577	35.069
7995	AB007952	Homo sapiens KIAA0483 protein	1917	100.000

7996	Y13323	Homo sapiens disintegrin-protease	3182	100.000
7997	X15393	Homo sapiens motinlin	734	100.000
7998	X61615	Homo sapiens leukemia inhibitory factor	7398	99.544
7000	70015000	receptor	1104	00.044
7999	AB015330	Homo sapiens HRIHFB2007	1194	98.844
8000	X04325	Homo sapiens gap junction protein (aa 1-283)	1909	99.647
8001	U08215	Mus musculus NST-1	2986	90.215
8002	X74504	Mus musculus T10	412	83.784
8003	AL110244	Homo sapiens hypothetical protein	369	29.204
8004	AB029004	Homo sapiens KIAA1081 protein	3233	100.000
8005 8006	Z50022	Homo sapiens putative surface glycoprotein	1269	100.000
8006	L31649 AL117629	Saccharomyces cerevisiae cdc91	616	27.873
8008	AF156957	Homo sapiens hypothetical protein	796	73.545
8009	U05321	Homo sapiens NTF2-related export protein NXT1	935	100.000
0009	005321	Homo sapiens X-linked PEST-containing transporter	4196	100.000
8010	U42580	Paramecium bursaria Chlorella virus 1 Pro- and	188	37.975
0010	042300	Glu-rich, PENPEV (10x); similar to	100	31.913
		Streptococcus B antigen, corresponds to Swiss-		
		Prot Accession Number P27951	1	
8011	X53390	Homo sapiens upstream binding factor (AA 1-	5104	100.000
		764)	3101	100.000
8012	AB018268	Homo sapiens KIAA0725 protein	3843	99.825
8013	AF105201	Homo sapiens G-protein alpha subunit 14	2329	100.000
8014	AL117587	Homo sapiens hypothetical protein	1151	100.000
8015	AL031010	Homo sapiens dJ422F24.1 (PUTATIVE novel	336	100.000
		protein similar to C. elegans CO2C2.5)		
8016	U28016	Mus musculus parathion hydrolase	2065	87.679
		(phosphotriesterase) - related protein	İ	
8017	AC004918	Homo sapiens structure confirmed by Genscan,	1219	100.000
		human EST AA447021 (NID:g2159686) and mouse		
		EST AA119040 (NID:g1676735)		
8018	AC004839	Homo sapiens similar to IgD B-cell receptor-	1540	100.000
		associated protein (BAP); similar to S46997		
0010	77.024400	(PID:g1085495)		
8019	AL034488	Caenorhabditis elegans predicted using	430	69.512
0000	7010060	Genefinder		
8020	AB018260 AB001568	Homo sapiens KIAA0717 protein	4288	99.841
8021	ABOUT268	Arabidopsis thaliana phospholipid	432	40.244
		hydroperoxide glutathione peroxidase-like protein		
8022	U56965	Caenorhabditis elegans No definition line	CCA	42 102
0022	030303	Caenornaboltis elegans No definition line found	664	43.182
8023	AB029334	Halocynthia roretzi HrPET-1	849	37.903
8024	AJ006291	Homo sapiens leucine rich protein	1934	100.000
8025	AL035304	Homo sapiens hypothetical protein	860	100.000
8026	AF137386	Homo sapiens plasmolipin	1190	100.000
8027	AL035678	Arabidopsis thaliana putative protein	2214	63.916
8028	AF155114	Homo sapiens NY-REN-57 antigen	2932	100.000
8029	AF155196	Rattus norvegicus mindin precursor	1951	85.843
8030	AL109831	Schizosaccharomyces pombe conserved	399	24.664
		hypothetical protein		
8031	L27421	Rattus norvegicus neuronal calcium sensor	1257	100.000
8032	Y12735	Homo sapiens Dyrk3 protein	3726	99.636
8033	M16279	Homo sapiens antigen	251	36.788
8034	AC002985	Homo sapiens R27090 2	3158	100.000
8035	AF007791	Homo sapiens secreted cement gland protein	1131	100.000
		XAG-2 homolog		
8036	AF092878	Homo sapiens zinc RING finger protein SAG	850	100.000

8037	A64586	unidentified unnamed protein product	4352	100.000
8038	AF045644	Caenorhabditis elegans No definition line	364	39.623
		found	""	33.323
8039	AF161081	Homo sapiens activatory receptor PIRIIbeta	1524	100.000
8040	X64588	Cricetulus longicaudatus cyclin B	2435	87.097
8041	AF132967	Homo sapiens CGI-33 protein	1483	97.826
8042	AL049758	Homo sapiens dJ437M21.2 (novel putative GTP-	900	63.592
		ase activating protein for Arf similar to worm		
		F07F6.4)	1	
8043	AF070657	Homo sapiens glutathione S-transferase subunit 13 homolog	1522	100.000
8044	AF151848	Homo sapiens CGI-90 protein	299	32.143
8045	L40357	Homo sapiens thyroid receptor interactor	692	93.750
8046	Y18503	Homo sapiens XAP-5-like protein	2142	100.000
8047	Z97340	Arabidopsis thaliana isomerase like protein	780	53.241
8048	AL080076	Homo sapiens hypothetical protein	2598	97.297
8049	M33141	Bos taurus GTP-binding protein (smg p21B)	1200	100.000
8050	X03475	Rattus norvegicus ribosomal protein L35a (aa	731	99.091
		1-110)		
8051	AL049688	Homo sapiens hypothetical protein	3230	100.000
8052	Z11804	Dictyostelium discoideum ras protein	519	50.303
8053	AF120102	Homo sapiens calsenilin	1713	100.000
8054	AF132951	Homo sapiens CGI-17 protein	2475	98.961
8055	AF151842	Homo sapiens CGI-84 protein	1310	100.000
8056	AL117661	Homo sapiens hypothetical protein	4447	99.558
8057	AF159055	Homo sapiens leucine zipper-like protein	139	81.481
8058	AF143859	Mus musculus DEBT-91	1860	96.622
8059	AL117195	Caenorhabditis elegans predicted using Genefinder; preliminary prediction	525	34.746
8060	AF039568	Homo sapiens vesicle trafficking protein	142	73.913
8061	AL022316	Homo sapiens bK126B4.3 (novel protein)	1869	100.000
8062	AJ245709	Homo sapiens Akt-3 protein	3181	98.330
8063	U82382	Homo sapiens PIN1 peptidyl-prolyl cis/trans	124	55.882
2054		isomerase-like	L	
8064	Z14122	Xenopus laevis XLCL2	585	77.885
8065	U70855	Caenorhabditis elegans similar to the RAS gene family	1684	44.302
8066	AF152498	Homo sapiens protocadherin beta 5	5120	99.245
8067	Y13647	Homo sapiens stearoyl CoA desaturase	2458	99.443
8068	AF151835	Homo sapiens CGI-78 protein	1573	98.780
8069	X67712	Psychrobacter immobilis triacylglycerol lipase	339	27.799
8070	X55764	Homo sapiens 11beta-hydrolase precursor	3358	99.602
8071	AF134726	Homo sapiens NG36	1215	100.000
8072	AF070637	Homo sapiens unknown	537	37.549
8073	AF084457	Homo sapiens beta-cop homolog	6071	99.265
8074	AL050190	Homo sapiens hypothetical protein	1996	99.675
8075	AF131746	Homo sapiens Unknown	873	100.000
8076	A18411	Homo sapiens PIGF	1055	100.000
8077	U97006	Caenorhabditis elegans No definition line	173	39.189
		found		
8078	AJ000217	Homo sapiens CLIC2	1636	99.588
8079	AB030505	Mus musculus UBE-1c2	1365	78.707
8080	AB007191	Homo sapiens AMY-1	649	99.029
8081	AC004472	Homo sapiens TERA HUMAN	5315	100.000
8082	AF077200	Homo sapiens HSPC014	917	100.000
8083	Z81035	Caenorhabditis elegans predicted using	270	41.964
		Genefinder; Similarity to Yeast DNA-directed		
		RNA polymerase I 13.7 KD polypeptide		
		(SW: P32529)	1	

No.	8084	71000110	Home comions hunsthatical mustain	045	04 501
8086 X63422 Homo Saplens H(+)-transporting ATP synthase 1035 100.000 8087 AB204713 Mss musculus SUpl15h 173 26.455 8088 AP000559 Cryza sativa ESTs AD030008 (ES0477), AU078239 (E50477) correspond to a region of the predicted qene.; Similar to peptidyl-prolyl cis-trans isomerase 10 770 69.375 8089 AF155111 Homo saplens MY-REN-49 antigen 1083 39.401 8090 AL023553 Homo saplens MY-REN-49 antigen 2154 100.000 8091 AL109978 Homo saplens MY-REN-49 antigen 2154 100.000 8092 Z35597 Unknown Weak similarity with sea squirt 770 35.825 8031 AL109978 Homo saplens SAC-1 cotransporter KCC4 7133 39.908 8032 Z35597 Homo saplens SAC-1 cotransporter KCC4 7183 39.908 8033 J0073 HANG Saplens SAC-1 cotransporter KCC4 7183 39.908 8035 Z35749 Homo saplens SAC-1 cotransporter KCC4 7183 39.908 8036 Z50749 Homo saplens SAC-1 cotransporter KCC4		AL080118	Homo sapiens hypothetical protein	945	94.521
AB024713 Mus musculus Supl15h 173 26.455					
AP000555 AP000555 AP000555 AP000508 AP000508 AP000508 AP000771 AP078239 E504771 Correspond to a region of the predicted gene.; Similar to peptidy1-projul cis-trans isomerase 10 AP155111 Homo sapiens MYREN-49 antigen 1083 99.401 AP155111 Homo sapiens MYREN-49 antigen 1083 99.401 AP155111 Homo sapiens MyREN-49 antigen 2154 100.000 AP15537 Romo sapiens MyBenterial protein 711 100.000 AP15537 Romo sapiens MyBenterial protein 710 AP15537 AP15537 Romo sapiens MyBenterial Protein 710 AP15537 AP1553					
AU030008 (E50477), AU078239(E50477) correspond to a region of the predicted gene,; Similar to peptidyl-prolyl cis-trans isomerase 10				I .	
to a region of the predicted gene.; Similar to peptidyl-projyl cis-trans isomerase 10	0000	AP000559		1 / / 0	69.375
Poptidy -prolyl cis-trans isomerase 10 Cacibro252 4 (P52017) Cacibro252					
8089 AF155111 Homo sapiens NY-REN-49 antigen 1083 99.401 8090 AL023553 Homo sapiens dJ347H13.4 (novel protein) 711 100.000 8091 AL109978 Homo sapiens dJ347H13.4 (novel protein) 711 100.000 8092 235597 Unknown Weak similarity with sea squirt nidogen precursor protein (blastp score 71); cDNA EST EMBL: 770 35.825 8093 J00073 Homo sapiens alpha-cardiac actin 250 100.000 8094 AF105365 Homo sapiens K-Cl cottransporter KCC4 7183 99.908 8095 M77172 Homo sapiens speats ds22 homolog 226 100.000 8096 Z50749 Homo sapiens yeast sd22 homolog 226 100.000 8097 AB028966 Homo sapiens KIAA1043 protein 9243 99.762 8089 AL021481 Unknown similar to WD domain, G-beta repeat (2 domains); cDNA EST yk258d4.3 comes from this gene; 4230 99.733 8101 M64749 Homo sapiens orphan receptor 2396 98.619 8101 M64749 Homo sapiens orphan receptor 2396 <td></td> <td></td> <td></td> <td></td> <td></td>					
8090 AF155111 Homo sapiens NY-REN-49 antigen 1083 99.401 8090 AL03553 Homo sapiens dy347H13.4 (novel protein) 711 100.000 8091 AL109978 Homo sapiens hypothetical protein 2154 100.000 8092 Z35597 Unknown Weak similarity with sea squirt nidogen precursor protein (blastp score 71); cDNA EST EMBL: 770 35.825 8093 J00073 Homo sapiens alpha-cardiac actin 2508 100.000 8094 AF105365 Homo sapiens K-Cl cotransporter KCC4 7183 99.908 8095 M7172 Homo sapiens zinc finger protein 198 97.778 8096 Z50749 Homo sapiens glia-derived nexin precursor 2588 100.000 8098 M17783 Homo sapiens glia-derived nexin precursor 2588 100.000 8099 AL021481 Unknown similar to WD domain, G-beta repeat (2 948 42.308 8090 AB023380 Bomo sapiens KIAA0382 4913 99.733 8101 M64749 Homo sapiens KIAA0362 4913 99.230				1	
8090 AL023553 Homo sapiens dJ347H13.4 (novel protein) 711 100.000 8091 AL109978 Homo sapiens hypothetical protein 2154 100.000 8092 Z35597 Unknown Weak similarity with sea squirt nidogen precursor protein (blastp score 71); chons 770 35.825 8093 J00073 Homo sapiens alpha-cardiac actin 250 100.000 8094 AF105365 Homo sapiens K-Cl cotransporter KCC4 7183 99.908 8095 M77172 Homo sapiens Sk-Cl cotransporter KCC4 7183 99.908 8096 Z50749 Homo sapiens yeast sd22 homolog 2266 100.000 8097 ABC28966 Homo sapiens yeast sd22 homolog 2266 100.000 8098 M17783 Homo sapiens KIAA1043 protein 8243 99.762 8099 AL021481 Unknown similar to WD domain, G-beta repeat (2 domains); cDNA EST yk258d4.3 comes from this gene; 4233 99.783 8100 ABO02380 Homo sapiens KIAA0382 4913 99.733 8101 M64749 Homo sapiens MiAD0454 4913 99.739<	8089	AF155111		1083	99 401
8091 AL109978 Homo sapiens hypothetical protein 2154 100.000					
Unknown Weak similarity with sea squirt nidogen precursor protein (blastp score 71); cDNA EST EMBL: 2508 100.000					
CDNA EST EMBL:				'	
8094					
8094 AF105365 Homo sapiens K-Cl cotransporter KCC4 7183 99.908 8095 M77172 Homo sapiens zinc finger protein 198 57.778 8096 Z50749 Homo sapiens yeast sds22 homolog 2266 100.000 8097 AB028966 Homo sapiens Glia-derived nexin precursor 2588 100.000 8099 AL021481 Unknown similar to WD domain, G-beta repeat (2 domains); cDNA EST yk258d4.3 comes from this gene; 42.308 8100 AB002380 Homo sapiens KIAA0382 4913 99.733 8101 M64749 Homo sapiens orphan receptor 2396 98.619 8103 M62419 Mus musculus clathrin-associated protein 2778 99.291 8104 AB006191 Mus musculus cornichon-like protein 548 77.660 8105 AL050345 Homo sapiens kypothetical protein 3495 97.758 8107 AF090402 Mus musculus KH domain RNA binding protein 3495 97.754 8108 L03303 Oryctolagus cuniculus small GTP-binding protein 1300 96.244 <td< td=""><td>8093</td><td>J00073</td><td>Homo sapiens alpha-cardiac actin</td><td>2508</td><td>100.000</td></td<>	8093	J00073	Homo sapiens alpha-cardiac actin	2508	100.000
8095 M77172 Homo sapiens zinc finger protein 198 57.778 8096 Z50749 Homo sapiens yeast sds22 homolog 2266 100.000 8097 AB028966 Homo sapiens KIAA1043 protein 8243 99.762 8098 M17783 Homo sapiens glia-derived nexin precursor 2588 100.000 8099 AL021481 Unknown similar to WD domain, G-beta repeat (2 domains); cDNA EST yk258d4.3 comes from this gene; 4913 99.733 8100 AB002380 Homo sapiens KIAA0382 4913 99.733 8101 M64749 Homo sapiens orphan receptor 2396 98.619 8102 AL117558 Homo sapiens hypothetical protein 918 99.320 8103 M62419 Mus musculus clathrin-associated protein 2778 99.291 8104 AB006191 Mus musculus contichon-like protein 548 77.660 8105 AL050345 Homo sapiens kypothetical protein 3495 97.753 8107 AF090402 Mus musculus KH domain RNA binding protein 2113 99.691 <td< td=""><td>8094</td><td>AF105365</td><td></td><td></td><td></td></td<>	8094	AF105365			
8096 Z50749 Homo sapiens yeast sds22 homolog 2266 100.000 8097 AB028966 Homo sapiens KIAA1043 protein 8243 99.762 8098 M17783 Homo sapiens glia-derived nexin precursor 2588 100.000 8099 AL021481 Unknown similar to WD domain, G-beta repeat (2 domains); cDNA EST yk258d4.3 comes from this gene; 4913 99.733 8100 AB002380 Homo sapiens KIAA0382 4913 99.733 8101 M64749 Homo sapiens orphan receptor 2396 98.619 8102 AL117558 Homo sapiens hypothetical protein 918 99.320 8103 M62419 Mus musculus clathrin-associated protein 2778 99.291 8104 AB006191 Mus musculus cornichon-like protein 548 77.660 8105 AL050345 Homo sapiens hypothetical protein 809 100.000 8106 AB023185 Homo sapiens kIAA0968 protein 3495 97.753 8107 AF090402 Mus musculus KIAA0968 protein 3495 97.553 8108 L03303 Oryctolagus cuniculus small GTP-binding 1300 96.244 8109 L11317 Homo sapiens rhoG 1305 100.000 8110 U00025 Caenorhabditis elegans weak similarity to ATP 689 27.554 8111 AL050286 Homo sapiens lymphotoxin-beta 1627 100.000 8112 Y14768 Homo sapiens lymphotoxin-beta 1627 100.000 8113 AL049654 Homo sapiens lymphotoxin-beta 1627 100.000 8114 AF098807 Homo sapiens lymphotoxin-beta 1627 100.000 8115 Y12473 Homo sapiens centrin 1064 99.401 8116 U77667 Mus musculus tyrosine kinase 3980 93.376 8117 Z35641 Caenorhabditis elegans cDNA EST yk273d8.5 425 31.650 8128 AF151892 Homo sapiens danosine triphosphatase, calcium 6546 100.000 8122 X03884 Homo sapiens danosine triphosphatase, calcium 6546 100.000 8123 AL023694 Homo sapiens danosine triphosphatase, calcium 6546 100.000 8124 M91669 Homo sapiens danosine triphosphatase, calcium 6546 100.000 8125 AF151892 Homo sapiens danosine triphosphatase, calcium 6546 100.000 8126 AV270205 Entodinium caudatum putative 204 39.326	8095	M77172		198	57.778
M17783	8096	Z50749		2266	
R109	8097	AB028966	Homo sapiens KIAA1043 protein	8243	99.762
Section Sect	8098	M17783		2588	100.000
Gene; Gene	8099	AL021481	Unknown similar to WD domain, G-beta repeat (2	948	42.308
8100			domains); cDNA EST yk258d4.3 comes from this		
8101 M64749 Homo sapiens orphan receptor 2396 98.619 8102 AL117558 Homo sapiens hypothetical protein 918 99.320 8103 M62419 Mus musculus clathrin-associated protein 2778 99.291 8104 AB006191 Mus musculus cornichon-like protein 548 77.660 8105 AL050345 Homo sapiens hypothetical protein 809 100.000 8106 AB023185 Homo sapiens KIAA0968 protein 3495 97.753 8107 AF090402 Mus musculus KH domain RNA binding protein 2113 99.691 QKI-5A QKI-5A Oryctolagus cuniculus small GTP-binding protein 8109 L11317 Homo sapiens rhoG 1305 100.000 8110 U00025 Caenorhabditis elegans weak similarity to ATP 689 27.554 synthase B chain 657 100.000 8112 Y14768 Homo sapiens hypothetical protein 657 100.000 8113 AL049654 Homo sapiens hypothetical protein 2709 100.000 8114 AF098807 Homo sapiens hypothetical protein 2709 100.000 8115 Y12473 Homo sapiens centrin 1064 99.401 8116 U77667 Mus musculus tyrosine kinase 3980 93.376 8117 Z35641 Caenorhabditis elegans cDNA EST yk273d8.5 425 31.650 comes from this gene 4269881 Homo sapiens putative dimethyladenosine 2067 100.000 8122 X03884 Homo sapiens adenosine triphosphatase, calcium 6546 100.000 8122 X03884 Homo sapiens dJ511E16.2 (putative protein 850 100.000 8122 X03884 Homo sapiens dJ511E16.2 (putative protein 850 100.000 8122 X03884 Homo sapiens dJ511E16.2 (putative protein 850 100.000 8124 M91669 Homo sapiens autoantigen 1063 99.673 68125 AF151892 Homo sapiens CGI-134 protein 975 100.000 8125 AF151892 Homo sapiens CGI-134 protein 975 100.000 8126 AJ270205 Entodinium caudatum putative 204 39.326					
8102 AL117558 Homo sapiens hypothetical protein 918 99.320 8103 M62419 Mus musculus clathrin-associated protein 2778 99.291 8104 AB006191 Mus musculus cornichon-like protein 548 77.660 8105 AL050345 Homo sapiens hypothetical protein 809 100.000 8106 AB023185 Homo sapiens KIAA0968 protein 3495 97.753 8107 AF090402 Mus musculus KH domain RNA binding protein QKI-5A 2113 99.691 8108 L03303 Oryctolagus cuniculus small GTP-binding protein 1300 96.244 8109 L11317 Homo sapiens rhoG 1305 100.000 8110 U00025 Caenorhabditis elegans weak similarity to ATP synthase B chain 669 27.554 8111 AL050286 Homo sapiens hypothetical protein 657 100.000 8112 Y14768 Homo sapiens lympothetical protein 2709 100.000 8113 AL049654 Homo sapiens hypothetical protein 1627 100.000 8115		AB002380			
8103 M62419 Mus musculus clathrin-associated protein 2778 99.291			<u> </u>	2396	
8104 AB006191 Mus musculus cornichon-like protein 548 77.660 8105 AL050345 Homo sapiens hypothetical protein 809 100.000 8106 AB023185 Homo sapiens KIAA0968 protein 3495 97.753 8107 AF090402 Mus musculus KH domain RNA binding protein QKI-5A 2113 99.691 8108 L03303 Oryctolagus cuniculus small GTP-binding protein 1300 96.244 8109 L11317 Homo sapiens rhoG 1305 100.000 8110 U00025 Caenorhabditis elegans weak similarity to ATP synthase B chain 689 27.554 8111 AL050286 Homo sapiens hypothetical protein 657 100.000 8112 Y14768 Homo sapiens lymphotoxin-beta 1627 100.000 8113 AL049654 Homo sapiens hypothetical protein 2709 100.000 8114 AF098807 Homo sapiens lipoma HMGIC fusion partner 1430 100.000 815 Y12473 Homo sapiens centrin 1064 99.401 816 U77667				918	1
8105 AL050345 Homo sapiens hypothetical protein 809 100.000 8106 AB023185 Homo sapiens KIAA0968 protein 3495 97.753 8107 AF090402 Mus musculus KH domain RNA binding protein QKT-5A 2113 99.691 8108 L03303 Oryctolagus cuniculus small GTP-binding protein 1300 96.244 8109 L11317 Homo sapiens rhoG 1305 100.000 8110 U00025 Caenorhabditis elegans weak similarity to ATP synthase B chain 689 27.554 8111 AL050286 Homo sapiens hypothetical protein 657 100.000 8112 Y14768 Homo sapiens hypothetical protein 2709 100.000 8113 AL049654 Homo sapiens hypothetical protein 2709 100.000 8114 AF098807 Homo sapiens HMGIC fusion partner 1430 100.000 8115 Y12473 Homo sapiens centrin 1064 99.401 8116 U77667 Mus musculus tyrosine kinase 3980 93.376 8117 Z35641 <					
8106					
8107 AF090402 QKT-5A Mus musculus KH domain RNA binding protein QKT-5A 2113 99.691 8108 L03303 Oryctolagus cuniculus small GTP-binding protein 1300 96.244 8109 L11317 Homo sapiens rhoG 1305 100.000 8110 U00025 Caenorhabditis elegans weak similarity to ATP synthase B chain 657 100.000 8111 AL050286 Homo sapiens hypothetical protein 657 100.000 8112 Y14768 Homo sapiens lymphotoxin-beta 1627 100.000 8113 AL049654 Homo sapiens lipoma HMGIC fusion partner 1430 100.000 8115 Y12473 Homo sapiens centrin 1064 99.401 8116 U77667 Mus musculus tyrosine kinase 3980 93.376 8117 Z35641 Caenorhabditis elegans cDNA EST yk273d8.5 425 31.650 8118 AF102147 Homo sapiens adenosine triphosphatase, calcium transferase 2067 100.000 8120 X80473 Mus musculus rabl9 757 56.995 8121					
QKI-5A					
Protein	8107	AF090402		2113	99.691
8109 L11317 Homo sapiens rhoG 1305 100.000 8110 U00025 Caenorhabditis elegans weak similarity to ATP synthase B chain 689 27.554 8111 AL050286 Homo sapiens hypothetical protein 657 100.000 8112 Y14768 Homo sapiens lymphotoxin-beta 1627 100.000 8113 AL049654 Homo sapiens hypothetical protein 2709 100.000 8114 AF098807 Homo sapiens lipoma HMGIC fusion partner 1430 100.000 8115 Y12473 Homo sapiens centrin 1064 99.401 8116 U77667 Mus musculus tyrosine kinase 3980 93.376 8117 Z35641 Caenorhabditis elegans cDNA EST yk273d8.5 425 31.650 8118 AF102147 Homo sapiens putative dimethyladenosine transferase 2067 100.000 8120 X80473 Mus musculus rabl9 757 56.995 8121 AB023221 Homo sapiens KIAA1004 protein 3360 100.000 8123 AL023694 Homo sapiens	8108	L03303	Oryctolagus cuniculus small GTP-binding	1300	96.244
8110 U00025 Caenorhabditis elegans weak similarity to ATP synthase B chain 689 27.554 8111 AL050286 Homo sapiens hypothetical protein 657 100.000 8112 Y14768 Homo sapiens lymphotoxin-beta 1627 100.000 8113 AL049654 Homo sapiens hypothetical protein 2709 100.000 8114 AF098807 Homo sapiens lipoma HMGIC fusion partner 1430 100.000 8115 Y12473 Homo sapiens centrin 1064 99.401 8116 U77667 Mus musculus tyrosine kinase 3980 93.376 8117 Z35641 Caenorhabditis elegans cDNA EST yk273d8.5 425 31.650 8118 AF102147 Homo sapiens putative dimethyladenosine transferase 2067 100.000 8120 X80473 Mus musculus rab19 757 56.995 8121 AB023221 Homo sapiens KIAA1004 protein 3360 100.000 8123 AL023694 Homo sapiens dJ511E16.2 (putative protein based on ESTs) 850 100.000 8125 <td< td=""><td>9100</td><td>T 11217</td><td></td><td>1205</td><td>100 000</td></td<>	9100	T 11217		1205	100 000
Synthase B chain Synthase B chain Synthase B chain State Sta			Conormanditic alogans weak similarity to ATR		
8111 AL050286 Homo sapiens hypothetical protein 657 100.000 8112 Y14768 Homo sapiens lymphotoxin-beta 1627 100.000 8113 AL049654 Homo sapiens hypothetical protein 2709 100.000 8114 AF098807 Homo sapiens lipoma HMGIC fusion partner 1430 100.000 8115 Y12473 Homo sapiens centrin 1064 99.401 8116 U77667 Mus musculus tyrosine kinase 3980 93.376 8117 Z35641 Caenorhabditis elegans cDNA EST yk273d8.5 425 31.650 comes from this gene 8118 AF102147 Homo sapiens putative dimethyladenosine 2067 100.000 8119 Z69881 Homo sapiens adenosine triphosphatase, calcium 6546 100.000 8120 X80473 Mus musculus rabl9 757 56.995 8121 AB023221 Homo sapiens KIAA1004 protein 3360 100.000 8122 X03884 Homo sapiens dJ511E16.2 (putative protein 850 100.000 8124 M91669 Homo sapiens autoantigen 6 6 8125<	0110	000023		009	27.554
8112 Y14768 Homo sapiens lymphotoxin-beta 1627 100.000 8113 AL049654 Homo sapiens hypothetical protein 2709 100.000 8114 AF098807 Homo sapiens lipoma HMGIC fusion partner 1430 100.000 8115 Y12473 Homo sapiens centrin 1064 99.401 8116 U77667 Mus musculus tyrosine kinase 3980 93.376 8117 Z35641 Caenorhabditis elegans cDNA EST yk273d8.5 425 31.650 comes from this gene Homo sapiens putative dimethyladenosine 2067 100.000 8118 AF102147 Homo sapiens adenosine triphosphatase, calcium 6546 100.000 8120 X80473 Mus musculus rabl9 757 56.995 8121 AB023221 Homo sapiens KIAA1004 protein 3360 100.000 8122 X03884 Homo sapiens dJ511E16.2 (putative protein 850 100.000 8123 AL023694 Homo sapiens autoantigen 6 6 8125 AF151892 Homo sapiens CGI-134 protein 975 100.000 8126 AJ270205 Entodi	8111	AL050286		657	100.000
8113 AL049654 Homo sapiens hypothetical protein 2709 100.000 8114 AF098807 Homo sapiens lipoma HMGIC fusion partner 1430 100.000 8115 Y12473 Homo sapiens centrin 1064 99.401 8116 U77667 Mus musculus tyrosine kinase 3980 93.376 8117 Z35641 Caenorhabditis elegans cDNA EST yk273d8.5 425 31.650 8118 AF102147 Homo sapiens putative dimethyladenosine transferase 2067 100.000 8119 Z69881 Homo sapiens adenosine triphosphatase, calcium transferase 6546 100.000 8120 X80473 Mus musculus rab19 757 56.995 8121 AB023221 Homo sapiens KIAA1004 protein 3360 100.000 8122 X03884 Homo sapiens dJ511E16.2 (putative protein based on ESTs) 850 100.000 8124 M91669 Homo sapiens autoantigen 1063 99.673 8125 AF151892 Homo sapiens CGI-134 protein 975 100.000 8126 AJ270205			Homo sapiens lymphotoxin-beta	1627	
8114 AF098807 Homo sapiens lipoma HMGIC fusion partner 1430 100.000 8115 Y12473 Homo sapiens centrin 1064 99.401 8116 U77667 Mus musculus tyrosine kinase 3980 93.376 8117 Z35641 Caenorhabditis elegans cDNA EST yk273d8.5 comes from this gene 425 31.650 8118 AF102147 Homo sapiens putative dimethyladenosine transferase 2067 100.000 8119 Z69881 Homo sapiens adenosine triphosphatase, calcium fos 46 6546 100.000 8120 X80473 Mus musculus rabl9 757 56.995 8121 AB023221 Homo sapiens KIAA1004 protein 3360 100.000 8122 X03884 Homo sapiens dJ511E16.2 (putative protein based on ESTs) 850 100.000 8123 AL023694 Homo sapiens autoantigen 1063 99.673 8124 M91669 Homo sapiens CGI-134 protein 975 100.000 8125 AF151892 Homo sapiens CGI-134 protein 975 100.000 8126 AJ270205 Entodinium caudatum putative 204 39.326 <td>8113</td> <td></td> <td>Homo sapiens hypothetical protein</td> <td></td> <td>100.000</td>	8113		Homo sapiens hypothetical protein		100.000
8116 U77667 Mus musculus tyrosine kinase 3980 93.376 8117 Z35641 Caenorhabditis elegans cDNA EST yk273d8.5 425 31.650 8118 AF102147 Homo sapiens putative dimethyladenosine transferase 2067 100.000 8119 Z69881 Homo sapiens adenosine triphosphatase, calcium for cal		AF098807		1430	
8117 Z35641 Caenorhabditis elegans cDNA EST yk273d8.5 425 31.650 8118 AF102147 Homo sapiens putative dimethyladenosine transferase 2067 100.000 8119 Z69881 Homo sapiens adenosine triphosphatase, calcium for calciu					
Comes from this gene 2067 100.000					
8118 AF102147 Homo sapiens putative dimethyladenosine transferase 2067 100.000 8119 Z69881 Homo sapiens adenosine triphosphatase, calcium 6546 100.000 8120 X80473 Mus musculus rab19 757 56.995 8121 AB023221 Homo sapiens KIAA1004 protein 3360 100.000 8122 X03884 Homo sapiens 20K polypeptide 1442 100.000 8123 AL023694 Homo sapiens dJ511E16.2 (putative protein based on ESTs) 850 100.000 8124 M91669 Homo sapiens autoantigen 1063 99.673 8125 AF151892 Homo sapiens CGI-134 protein 975 100.000 8126 AJ270205 Entodinium caudatum putative 204 39.326	8117	Z35641		425	31.650
transferase 8119 Z69881 Homo sapiens adenosine triphosphatase, calcium 6546 100.000 8120 X80473 Mus musculus rab19 757 56.995 8121 AB023221 Homo sapiens KIAA1004 protein 3360 100.000 8122 X03884 Homo sapiens 20K polypeptide 1442 100.000 8123 AL023694 Homo sapiens dJ511E16.2 (putative protein based on ESTs) 850 100.000 8124 M91669 Homo sapiens autoantigen 1063 99.673 8125 AF151892 Homo sapiens CGI-134 protein 975 100.000 8126 AJ270205 Entodinium caudatum putative 204 39.326			comes from this gene		
8119 Z69881 Homo sapiens adenosine triphosphatase, calcium 6546 100.000 8120 X80473 Mus musculus rab19 757 56.995 8121 AB023221 Homo sapiens KIAA1004 protein 3360 100.000 8122 X03884 Homo sapiens 20K polypeptide 1442 100.000 8123 AL023694 Homo sapiens dJ511E16.2 (putative protein based on ESTs) 850 100.000 8124 M91669 Homo sapiens autoantigen 1063 99.673 8125 AF151892 Homo sapiens CGI-134 protein 975 100.000 8126 AJ270205 Entodinium caudatum putative 204 39.326	8118	AF102147		2067	100.000
8120 X80473 Mus musculus rab19 757 56.995 8121 AB023221 Homo sapiens KIAA1004 protein 3360 100.000 8122 X03884 Homo sapiens 20K polypeptide 1442 100.000 8123 AL023694 Homo sapiens dJ511E16.2 (putative protein based on ESTs) 850 100.000 8124 M91669 Homo sapiens autoantigen 1063 99.673 8125 AF151892 Homo sapiens CGI-134 protein 975 100.000 8126 AJ270205 Entodinium caudatum putative 204 39.326				<u> </u>	
8121 AB023221 Homo sapiens KIAA1004 protein 3360 100.000 8122 X03884 Homo sapiens 20K polypeptide 1442 100.000 8123 AL023694 Homo sapiens dJ511E16.2 (putative protein based on ESTs) 850 100.000 8124 M91669 Homo sapiens autoantigen 1063 99.673 8125 AF151892 Homo sapiens CGI-134 protein 975 100.000 8126 AJ270205 Entodinium caudatum putative 204 39.326					
8122 X03884 Homo sapiens 20K polypeptide 1442 100.000 8123 AL023694 Homo sapiens dJ511E16.2 (putative protein based on ESTs) 850 100.000 8124 M91669 Homo sapiens autoantigen 1063 99.673 8125 AF151892 Homo sapiens CGI-134 protein 975 100.000 8126 AJ270205 Entodinium caudatum putative 204 39.326					
8123 AL023694 Homo sapiens dJ511E16.2 (putative protein based on ESTs) 850 100.000 8124 M91669 Homo sapiens autoantigen 1063 99.673 8125 AF151892 Homo sapiens CGI-134 protein 975 100.000 8126 AJ270205 Entodinium caudatum putative 204 39.326					
based on ESTs) 8124 M91669 Homo sapiens autoantigen 1063 99.673 8125 AF151892 Homo sapiens CGI-134 protein 975 100.000 8126 AJ270205 Entodinium caudatum putative 204 39.326					
8124 M91669 Homo sapiens autoantigen 1063 99.673 8125 AF151892 Homo sapiens CGI-134 protein 975 100.000 8126 AJ270205 Entodinium caudatum putative 204 39.326	8123	ALU23694		850	100.000
8125 AF151892 Homo sapiens CGI-134 protein 975 100.000 8126 AJ270205 Entodinium caudatum putative 204 39.326	8124	M91669		1063	99.673
8125 AF151892 Homo sapiens CGI-134 protein 975 100.000 8126 AJ270205 Entodinium caudatum putative 204 39.326			1 · · · · · · · · · · · · · · · · · · ·	1	
8126 AJ270205 Entodinium caudatum putative 204 39.326	8125	AF151892	Homo sapiens CGI-134 protein		100.000
	8126	AJ270205			

8127	U09808	Drosophila melanogaster cDNA and genomic are	284	38.333
		colinear; similar to human connective tissue		
		growth factor, GenBank Accession Number M92934		
8128	AJ011400	Bos taurus NADH:ubiquinone oxidoreductase b17.2 subunit	132	30.000
8129	AF003999	Mus musculus GS15	619	90.741
8130	AL079349	Arabidopsis thaliana putative protein	289	30.962
8131	AB007859	Homo sapiens KIAA0399	5161	100.000
8132	Y17464	Fugu rubripes LSFR2 protein	308	84.615
8133	X96698	Homo sapiens D1075-like	1934	100.000
8134	AF078845	Homo sapiens 16.7Kd protein	1030	100.000
8135	Z99259	Schizosaccharomyces pombe hypothetical protein	148	35.000
8136	AF039698	Homo sapiens antigen NY-CO-33	4372	98.403
8137	AF116865	Mus musculus hedgehog-interacting protein	4208	93.858
8138	AL050371	Homo sapiens hypothetical protein	2726	87.447
8139	M20729	Chlamydomonas reinhardtii calmodulin	245	39.316
8140	AF129812	Homo sapiens candidate tumor suppressor	2202	100.000
02.0		protein NOC2	2202	100.000
8141	AL109665	Homo sapiens SLP-1	2575	99.744
8142	AF085355	Homo sapiens N-terminal acetyltransferase	1188	100.000
		complex ard1 subunit		
8143	Y09858	Homo sapiens unknown protein	1576	99.569
8144	AF133123	Homo sapiens transcription factor IIIC102	5780	100.000
8145	D50918	Homo sapiens The KIAA0128 gene is related to	2751	100.000
		cdc10.		
8146	Y17849	Homo sapiens ganglioside-induced	2328	98.603
		differentiation associated protein 1		
8147	Z93241	Homo sapiens dJ222E13.3.2 (PUTATIVE partial	2761	100.000
		isoform 2)		
8148	AB028990	Homo sapiens KIAA1067 protein	4419	99.855
8149	X89984	Homo sapiens BCL7A	1515	100.000
8150	AB018337	Homo sapiens KIAA0794 protein	3263	99.796
8151	AB018285	Homo sapiens KIAA0742 protein	8392	100.000
8152	U53588	Homo sapiens HCG V	885	100.000
8153	AF070657	Homo sapiens glutathione S-transferase subunit	1522	100.000
		13 homolog		
8154	AE001014	Archaeoglobus fulgidus transcription	182	24.000
		initiation factor IIB		
8155	D13634	Homo sapiens KIAA0009	292	29.268
8156	X62155	Homo sapiens Myf4 protein	1529	100.000
8157	X16576	Homo sapiens KUP protein	2892	99.540
8158	X07948	Homo sapiens TP1 (AA 1-55)	367	100.000
8159	AF155107	Homo sapiens NY-REN-37 antigen	1300	99.425
8160	AF059198	Homo sapiens protein kinase/endoribonulcease	6522	99.693
8161	AL031320	Homo sapiens dJ20N2.1 (novel protein similar	1070	99.367
		to yeast and bacterial cytosine deaminase)	-	
8162	269637	Caenorhabditis elegans predicted using	313	37.949
		Genefinder; Similarity to E.coli hypothetical		
		protein YCAC (SW:YCAC_ECOLI); cDNA EST		
		yk555d12.3 comes from this gene		
8163	AB023167	Homo sapiens KIAA0950 protein	2290	100.000
8164	AJ222967	Homo sapiens cystinosin	2445	100.000
8165	Y15062	Homo sapiens GalT4 protein	2275	100.000
8166	AJ012376	Homo sapiens ATP-binding cassette transporter-	1462	99.955
		1 (ABC-1)	3	<u> </u>
8167	L13977	Homo sapiens prolylcarboxypeptidase	1249	43.653
8168	X52987	Homo sapiens rap2b gene product (AA 1-183)	1185	99.454
8169	AC003002	Homo sapiens R29515 1	960	100.000
8170	AF156271	Homo sapiens RING finger protein terf	3273	100.000

177 1776 2013 27.00	0171	1 7 7 0 6 7	Origination and I muslime with must aim with	102	32.609
R172	8171	L77967	Ovis aries small proline-rich protein with	103	32.609
acylqlycerol-3-phosphate acyltransferase	8172	AC006085		835	38 369
1713 AC004382 Homo sapiens Unknown gene product	0172	11000000			30.303
8174 AF129332 Home sapiens MUM2 977 100.000 8175 U22267 Oyctolagus cuniculus sarcosine oxidase 2655 99, 487 8176 U37026 Rattus norvegicus sodium channel beta 2 198 30.769 8177 AF050145 Home sapiens iduronate-2-sulfatase 153 25.899 8178 AF132000 Home sapiens Unknown 911 100.000 8180 Y15057 Home sapiens STK9 protein 6901 99.93 8181 X82207 Home sapiens beta-centracetin 2186 100.000 8182 AF033107 Grus americana B-G-like protein 317 32.642 8183 AF107885 Home sapiens winknown 303 310.000 8184 AF112444 Lupinus luteus L-asparaginase 653 41.121 8185 AF151848 Home sapiens CG1-99 protein 433 33.624 8185 AF151848 Home sapiens bx266810.2 (Heme Oxygenase 1 (Holica) 272 84.435 8188 AL049638 rabidopsis thalians putative protein 21	8173	AC004382		2119	100,000
18175 U82267		1		977	
198 30.769 30.7		1			
Subunit Subunit Subunit Size					
8178 AF132000 Homo sapiens TADAI protein 1446 100.000 8179 AF131852 Homo sapiens Unknown 911 100.000 8180 Y15057 Homo sapiens STK9 protein 6901 99.903 8181 X82207 Homo sapiens beta-centracetin 2486 100.000 8182 AF303107 Grus americana B~G-like protein 317 32.642 8183 AF107885 Homo sapiens unknown 303 100.000 8184 AF112444 Lupinus luteus L-asparaginase 653 41.121 8186 AJ012295 Rinizobium etli apaG protein 261 40.476 8187 X94769 Rattus rattus choline dehydrogenase 2727 88.435 8188 AL049638 Arabidopsis thallana putative protein 219 27.982 8189 Z82244 Homo sapiens EXE26BBL0.2 (Heme Oxygenase 1 (Holing) 160.000 11, EC 1.14.99.3)) 8190 AC004955 Homo sapiens SKP2 protein 2394 100.000 8191 AJ007590 Homo sapiens KRP2 protein <t< td=""><td></td><td></td><td></td><td></td><td>:</td></t<>					:
100.000	8177	AF050145	Homo sapiens iduronate-2-sulfatase	153	25.899
8180 Y15057 Homo sapiens STK9 protein 6901 99.903 8181 X82207 Homo sapiens beta-centracetin 2486 100.000 8182 AF033107 Grus americana B-G-like protein 317 32.642 8183 AF107885 Homo sapiens unknown 303 100.000 8184 AF112444 Lupinus luteus L-asparaginase 653 41.121 8185 AF151848 Homo sapiens CGI-90 protein 433 33.624 8186 AJ012295 Rhizobium etli apaG protein 261 40.476 8187 X94769 Rattus rattus choline dehydrogenase 2727 88.435 8188 AL049638 Arabidopsis thaliana putative protein 219 27.982 8189 AZ049638 Arabidopsis thaliana putative protein 182 100.000 8190 AC004955 Homo sapiens SERP2 AT160484 1529 99.574 8191 AJ007590 Homo sapiens SERP2 protein 2394 100.000 8192 X95642 Mus musculus RP1-B74 protein 1	8178	AF132000	Homo sapiens TADA1 protein	1446	100.000
1818	8179	AF131852	Homo sapiens Unknown	911	
8182 AF033107 Grus americana B-G-like protein 317 32.642 8183 AF107885 Homo sapiens unknowm 303 100.000 8184 AF1121444 Lupinus luteus L-asparaginase 653 41.121 8185 AF151848 Homo sapiens CGI-90 protein 433 33.624 8186 AJ012295 Rhizobium etli apag protein 261 40.476 8187 X94769 Rattus rattus choline dehydrogenase 2727 88.435 8188 AL049638 Arabidopsis thaliana putative protein 219 27.982 8189 Z82244 Homo sapiens bK286810.2 (Heme Oxygenase 1 (Horling) 100.000 8190 AC004955 Homo sapiens BKP2 protein 2394 100.000 8191 AJ007590 Homo sapiens ENP2 protein 2394 100.000 8192 X99642 Mus musculus HPI-BP74 protein 326 36.612 8193 AJ010793 Homo sapiens EDD protein 326 36.612 8195 K52011 Homo sapiens BEDD protein 326 36.612		1			
1818			Homo sapiens beta-centracetin		
1818					
R185					
R186					
8187 X94769 Rattus rattus choline dehydrogenase 2727 88.435 8188 AL049638 Arabidopsis thaliana putative protein 219 27.982 8189 Z82244 Homo sapiens bK286B10.2 (Heme Oxygenase 1 (HO-1, EC 1.14.99.3)) 1822 100.000 8190 AC004955 Homo sapiens supported by EST AA160484 (NID:g1735912) and Genscan 1529 99.574 8191 AV007590 Homo sapiens XRP2 protein 2394 100.000 8192 X99642 Mus musculus HP1-BP74 protein 1653 32.958 8193 AJ010973 Homo sapiens DEDD protein 326 36.612 8194 U40952 Caenorhabditis elegans C03B1.10 gene product 1303 65.854 8195 X52011 Homo sapiens Bunknown gene product 1633 100.000 8196 AF003130 Caenorhabditis elegans No definition line found 894 41.114 8197 AC004382 Homo sapiens BURKA0374 1117 43.750 8198 Y10571 Homo sapiens KIAA0374 1117 43.756 8201					
Record R					
8189					
1, EC 1.14.99.3) 1529 99.574 1529 99.574 1529 99.574 1529 152		1		L	
8190 AC004955 Homo sapiens supported by EST AA160484 (NID:g1735912) and Genscan 1529 99.574 8191 AJ007590 Homo sapiens KRP2 protein 2394 100.000 8192 X99642 Mus musculus HP1-BP74 protein 1653 92.958 8193 AJ010973 Homo sapiens DEDD protein 326 36.612 8194 U40952 Caenorhabditis elegans C03B1.10 gene product 230 65.854 8195 X52011 Homo sapiens muscle determination factor 1633 100.000 8196 AF003130 Caenorhabditis elegans No definition line found 894 41.114 8197 AC004382 Homo sapiens Unknown gene product 1303 68.132 8198 Y10571 Homo sapiens KTAA0374 1117 43.750 8200 AL109630 Drosophila melanogaster BACR7A4.h 737 32.083 8201 X65293 Homo sapiens KTAA0725 protein 3852 100.000 8202 AB018268 Homo sapiens KTAA0725 protein 3852 100.000 8203 U58761	8189	Z82244		1882	100.000
(NID:g1735912) and Genscan 2394 100.000	0100	7,000,405,5		1500	00 534
8191 AJ007590 Homo sapiens XRP2 protein 2394 100.000 8192 X99642 Mus musculus HP1-BP74 protein 1653 92.958 8193 AJ010973 Homo sapiens DEDD protein 326 36.612 8194 U40952 Caenorhabditis elegans C03B1.10 gene product 230 65.854 8195 X52011 Homo sapiens muscle determination factor 1633 100.000 8196 AF003130 Caenorhabditis elegans No definition line found 894 41.114 8197 AC004382 Homo sapiens Unknown gene product 1303 68.132 8198 Y10571 Homo sapiens kTAA0374 1117 43.750 8200 AL109630 Drosophila melanogaster BACR7A4.h 737 32.083 8201 X65293 Homo sapiens protein kinase C epsilon 5079 100.000 8202 AB018268 Homo sapiens StrAA0725 protein 3852 100.000 8203 U58761 Caenorhabditis elegans C01F1.6 gene product 617 34.746 8204 U23139 Caenorhabdi	8190	AC004955		1529	99.574
8192 X99642 Mus musculus HP1-BP74 protein 1653 92.958 8193 AJ010973 Homo sapiens DEDD protein 326 36.612 8194 U40952 Caenorhabditis elegans C03B1.10 gene product 230 65.854 8195 X52011 Homo sapiens muscle determination factor 1633 100.000 8196 AF003130 Caenorhabditis elegans No definition line found 894 41.114 8197 AC004382 Homo sapiens Unknown gene product 1303 68.132 8198 Y10571 Homo sapiens ding 2206 100.000 8199 AB002372 Homo sapiens KIAA0374 1117 43.750 8200 AL109630 Drosophila melanogaster BACR7A4.h 737 32.083 8201 X65293 Homo sapiens KIAA0725 protein 3852 100.000 8203 U58761 Caenorhabditis elegans C01F1.6 gene product 617 34.746 8204 U23139 Caenorhabditis elegans Similar to NIFS protein 348 41.317 8205 X99920 Homo sapiens S1	0101	7.7007.500		2204	100 000
8193 AJ010973 Homo sapiens DEDD protein 326 36.612 8194 U40952 Caenorhabditis elegans C03Bl.10 gene product 230 65.854 8195 X52011 Homo sapiens muscle determination factor 1633 100.000 8196 AF003130 Caenorhabditis elegans No definition line found 894 41.114 8197 AC004382 Homo sapiens Unknown gene product 1303 68.132 8198 Y10571 Homo sapiens dinG 2206 100.000 8199 AB002372 Homo sapiens KIAA0374 1117 43.750 8200 AL109630 Drosophila melanogaster BACR7A4.h 737 32.083 8201 X65293 Homo sapiens protein kinase C epsilon 5079 100.000 8202 AB018268 Homo sapiens FIAA0725 protein 3852 100.000 8203 U58761 Caenorhabditis elegans c01F1.6 gene product 617 34.746 8204 U23139 Caenorhabditis elegans similar to NIFS protein 348 41.317 8205 X99920 Homo					
8194 U40952 Caenorhabditis elegans C03B1.10 gene product 230 65.854 8195 X52011 Homo sapiens muscle determination factor 1633 100.000 8196 AF003130 Caenorhabditis elegans No definition line found 894 41.114 8197 AC004382 Homo sapiens Unknown gene product 1303 68.132 8198 Y10571 Homo sapiens dinG 2206 100.000 8199 AB002372 Homo sapiens KIAA0374 1117 43.750 8200 AL109630 Drosophila melanogaster BACR7A4.h 737 32.083 8201 X65293 Homo sapiens protein kinase C epsilon 5079 100.000 8203 158761 Caenorhabditis elegans C01F1.6 gene product 617 34.746 8204 U23139 Caenorhabditis elegans similar to NIFS protein (nitrogen fixation) 348 41.317 8205 X99920 Homo sapiens S100 calcium-binding protein A13 (S100A13) 614 100.000 8206 AJ006276 Homo sapiens transient receptor potential 6153 100.000				1	
8195 X52011 Homo sapiens muscle determination factor 1633 100.000 8196 AF003130 Caenorhabditis elegans No definition line found 894 41.114 8197 AC004382 Homo sapiens Unknown gene product 1303 68.132 8198 Y10571 Homo sapiens dinG 2206 100.000 8199 AB002372 Homo sapiens KIAA0374 1117 43.750 8200 AL109630 Drosophila melanogaster BACR7A4.h 737 32.083 8201 X65293 Homo sapiens protein kinase C epsilon 5079 100.000 8203 U58761 Caenorhabditis elegans CO1F1.6 gene product 617 34.746 8204 U23139 Caenorhabditis elegans Similar to NIFS protein 348 41.317 8205 X99920 Homo sapiens S100 calcium-binding protein A13 614 100.000 8207 Y07707 Homo sapiens transient receptor potential 6153 100.000 8208 AL117442 Homo sapiens bypothetical protein 1723 100.000 8209 AF0409					
8196 AF003130 Caenorhabditis elegans No definition line found 894 41.114 8197 AC004382 Homo sapiens Unknown gene product 1303 68.132 8198 Y10571 Homo sapiens dinG 2206 100.000 8199 AB002372 Homo sapiens KIAA0374 1117 43.750 8200 AL109630 Drosophila melanogaster BACR7A4.h 737 32.083 8201 X65293 Homo sapiens KIAA0725 protein 3852 100.000 8203 BS8761 Caenorhabditis elegans C01F1.6 gene product 617 34.746 8204 U23139 Caenorhabditis elegans similar to NIFS protein (nitrogen fixation) 348 41.317 8205 X99920 Homo sapiens S100 calcium-binding protein A13 (nitrogen fixation) 614 100.000 8206 AJ006276 Homo sapiens ITBA4 170 50.000 8207 Y07707 Homo sapiens hypothetical protein 1723 100.000 8208 AL117442 Homo sapiens winknown protein ITI 3774 99.008 8210 Z1401					
Substitute					
8197 AC004382 Homo sapiens Unknown gene product 1303 68.132 8198 Y10571 Homo sapiens dinG 2206 100.000 8199 AB002372 Homo sapiens KIAA0374 1117 43.750 8200 AL109630 Drosophila melanogaster BACR7A4.h 737 32.083 8201 X65293 Homo sapiens protein kinase C epsilon 5079 100.000 8202 AB018268 Homo sapiens KIAA0725 protein 3852 100.000 8204 U23139 Caenorhabditis elegans CO1F1.6 gene product 617 34.746 8204 U23139 Caenorhabditis elegans similar to NIFS protein (nitrogen fixation) 348 41.317 8205 X99920 Homo sapiens S100 calcium-binding protein A13 (nitrogen fixation) 614 100.000 8206 AJ006276 Homo sapiens transient receptor potential protein 6153 100.000 8207 Y07707 Homo sapiens ITBA4 170 50.000 8208 AL117442 Homo sapiens winknown protein IT1 3774 99.008 8210 <	0150	A1003130		0,74	41.111
8198 Y10571 Homo sapiens dinG 2206 100.000 8199 AB002372 Homo sapiens KIAA0374 1117 43.750 8200 AL109630 Drosophila melanogaster BACR7A4.h 737 32.083 8201 X65293 Homo sapiens protein kinase C epsilon 5079 100.000 8202 AB018268 Homo sapiens KIAA0725 protein 3852 100.000 8203 U58761 Caenorhabditis elegans C01F1.6 gene product 617 34.746 8204 U23139 Caenorhabditis elegans similar to NIFS protein (nitrogen fixation) 614 100.000 8205 X99920 Homo sapiens S100 calcium-binding protein A13 (s100.000) 614 100.000 8206 AJ006276 Homo sapiens transient receptor potential protein 6153 100.000 8207 Y07707 Homo sapiens lTBA4 170 50.000 8208 AL117442 Homo sapiens unknown protein IT1 3774 99.008 8210 Z14014 Nicotiana tabacum Pistil extensin like protein, partial CDS only 5926 99.567 <td< td=""><td>8197</td><td>AC004382</td><td></td><td>1303</td><td>68.132</td></td<>	8197	AC004382		1303	68.132
8199 AB002372 Homo sapiens KIAA0374 1117 43.750 8200 AL109630 Drosophila melanogaster BACR7A4.h 737 32.083 8201 X65293 Homo sapiens protein kinase C epsilon 5079 100.000 8202 AB018268 Homo sapiens KIAA0725 protein 3852 100.000 8203 U58761 Caenorhabditis elegans C01F1.6 gene product 617 34.746 8204 U23139 Caenorhabditis elegans similar to NIFS protein (nitrogen fixation) 348 41.317 8205 X99920 Homo sapiens S100 calcium-binding protein A13 (614) 100.000 8206 AJ006276 Homo sapiens transient receptor potential protein 6153 100.000 8207 Y07707 Homo sapiens hypothetical protein 1723 100.000 8208 AL117442 Homo sapiens unknown protein IT1 3774 99.008 8210 Z14014 Nicotiana tabacum Pistil extensin like protein, partial CDS only 5926 99.567 8211 AB020713 Homo sapiens KIAA0906 protein 5926 99.567					
8200 AL109630 Drosophila melanogaster BACR7A4.h 737 32.083 8201 X65293 Homo sapiens protein kinase C epsilon 5079 100.000 8202 AB018268 Homo sapiens KIAA0725 protein 3852 100.000 8203 U58761 Caenorhabditis elegans C01F1.6 gene product 617 34.746 8204 U23139 Caenorhabditis elegans similar to NIFS protein (nitrogen fixation) 348 41.317 8205 X99920 Homo sapiens S100 calcium-binding protein A13 (S100.000) 614 100.000 8206 AJ006276 Homo sapiens transient receptor potential protein 6153 100.000 8207 Y07707 Homo sapiens ITBA4 170 50.000 8208 AL117442 Homo sapiens hypothetical protein 1723 100.000 8209 AF040964 Homo sapiens winknown protein IT1 3774 99.008 8210 Z14014 Nicotiana tabacum Pistil extensin like protein, partial CDS only 5926 99.567 8212 M89797 Mus musculus Wnt-4 2425 98.860 <tr< td=""><td></td><td></td><td></td><td></td><td></td></tr<>					
8201 X65293 Homo sapiens protein kinase C epsilon 5079 100.000 8202 AB018268 Homo sapiens KIAA0725 protein 3852 100.000 8203 U58761 Caenorhabditis elegans C01F1.6 gene product 617 34.746 8204 U23139 Caenorhabditis elegans similar to NIFS protein (nitrogen fixation) 348 41.317 8205 X99920 Homo sapiens S100 calcium-binding protein A13 (514 100.000 (5100A13) 8206 AJ006276 Homo sapiens transient receptor potential protein 6153 100.000 8207 Y07707 Homo sapiens hypothetical protein 170 50.000 8208 AL117442 Homo sapiens unknown protein IT1 3774 99.008 8210 Z14014 Nicotiana tabacum Pistil extensin like protein, partial CDS only 52.459 8211 AB020713 Homo sapiens KIAA0906 protein 5926 99.567 8212 M89797 Mus musculus Wnt-4 2425 98.860 8214 AJ245417 Homo sapiens G5b protein 1036 100.000 8215 A					
8202 AB018268 Homo sapiens KIAA0725 protein 3852 100.000 8203 U58761 Caenorhabditis elegans CO1F1.6 gene product 617 34.746 8204 U23139 Caenorhabditis elegans similar to NIFS protein (nitrogen fixation) 348 41.317 8205 X99920 Homo sapiens S100 calcium-binding protein A13 (S100A13) 614 100.000 8206 AJ006276 Homo sapiens transient receptor potential protein 6153 100.000 8207 Y07707 Homo sapiens hypothetical protein 1723 100.000 8208 AL117442 Homo sapiens unknown protein IT1 3774 99.008 8210 Z14014 Nicotiana tabacum Pistil extensin like protein, partial CDS only 170 52.459 8211 AB020713 Homo sapiens KIAA0906 protein 5926 99.567 8212 M89797 Mus musculus Wnt-4 2425 98.860 8213 AF125044 Homo sapiens ubiquitin-conjugating enzyme HBUCE1 1036 100.000 8214 AJ245417 Homo sapiens G5b protein 804 77.019					
8203 U58761 Caenorhabditis elegans C01F1.6 gene product 617 34.746 8204 U23139 Caenorhabditis elegans similar to NIFS protein (nitrogen fixation) 348 41.317 8205 X99920 Homo sapiens S100 calcium-binding protein A13 (S100A13) 614 100.000 8206 AJ006276 Homo sapiens transient receptor potential protein 6153 100.000 8207 Y07707 Homo sapiens ITBA4 170 50.000 8208 AL117442 Homo sapiens hypothetical protein 1723 100.000 8209 AF040964 Homo sapiens unknown protein IT1 3774 99.008 8210 Z14014 Nicotiana tabacum Pistil extensin like protein, partial CDS only 170 52.459 8211 AB020713 Homo sapiens KIAA0906 protein 5926 99.567 8212 M89797 Mus musculus Wnt-4 2425 98.860 8214 AJ245417 Homo sapiens G5b protein 1026 100.000 8215 AF102548 Mus musculus AT1 receptor-associated protein 804 77.019				3852	
(nitrogen fixation) R205 X99920 Homo sapiens S100 calcium-binding protein A13 (S100A13) R206 AJ006276 Homo sapiens transient receptor potential protein R207 Y07707 Homo sapiens ITBA4 R208 AL117442 Homo sapiens hypothetical protein R209 AF040964 Homo sapiens unknown protein IT1 R207 R210	8203	U58761		617	34.746
8205 X99920 Homo sapiens S100 calcium-binding protein A13 (S100A13) 614 100.000 8206 AJ006276 Homo sapiens transient receptor potential protein 6153 100.000 8207 Y07707 Homo sapiens ITBA4 170 50.000 8208 AL117442 Homo sapiens hypothetical protein 1723 100.000 8209 AF040964 Homo sapiens unknown protein IT1 3774 99.008 8210 Z14014 Nicotiana tabacum Pistil extensin like protein, partial CDS only 170 52.459 8211 AB020713 Homo sapiens KIAA0906 protein 5926 99.567 8212 M89797 Mus musculus Wnt-4 2425 98.860 8213 AF125044 Homo sapiens ubiquitin-conjugating enzyme HBUCE1 1036 100.000 8214 AJ245417 Homo sapiens G5b protein 1026 100.000 8215 AF102548 Mus musculus AT1 receptor-associated protein 804 77.019 8216 AF165429 Arabidopsis thaliana protein phosphatase 2A 62 430 26.562 kDa B'' regulatory subunit	8204	U23139	Caenorhabditis elegans similar to NIFS protein	348	41.317
S206 AJ006276 Homo sapiens transient receptor potential protein 170 50.000					
8206 AJ006276 Homo sapiens transient receptor potential protein 6153 100.000 8207 Y07707 Homo sapiens ITBA4 170 50.000 8208 AL117442 Homo sapiens hypothetical protein 1723 100.000 8209 AF040964 Homo sapiens unknown protein IT1 3774 99.008 8210 Z14014 Nicotiana tabacum Pistil extensin like protein, partial CDS only 170 52.459 8211 AB020713 Homo sapiens KIAA0906 protein 5926 99.567 8212 M89797 Mus musculus Wnt-4 2425 98.860 8213 AF125044 Homo sapiens ubiquitin-conjugating enzyme HBUCE1 1036 100.000 8214 AJ245417 Homo sapiens G5b protein 1026 100.000 8215 AF102548 Mus musculus AT1 receptor-associated protein 804 77.019 8216 AF165429 Arabidopsis thaliana protein phosphatase 2A 62 kDa B'' regulatory subunit 430 26.562	8205	X99920		614	100.000
Protein		ļ			
8207 Y07707 Homo sapiens ITBA4 170 50.000 8208 AL117442 Homo sapiens hypothetical protein 1723 100.000 8209 AF040964 Homo sapiens unknown protein IT1 3774 99.008 8210 Z14014 Nicotiana tabacum Pistil extensin like protein, partial CDS only 170 52.459 8211 AB020713 Homo sapiens KIAA0906 protein 5926 99.567 8212 M89797 Mus musculus Wnt-4 2425 98.860 8213 AF125044 Homo sapiens ubiquitin-conjugating enzyme HBUCE1 1036 100.000 8214 AJ245417 Homo sapiens G5b protein 1026 100.000 8215 AF102548 Mus musculus AT1 receptor-associated protein 804 77.019 8216 AF165429 Arabidopsis thaliana protein phosphatase 2A 62 430 26.562 kDa B'' regulatory subunit	8206	AJ006276		6153	100.000
8208 AL117442 Homo sapiens hypothetical protein 1723 100.000 8209 AF040964 Homo sapiens unknown protein IT1 3774 99.008 8210 Z14014 Nicotiana tabacum Pistil extensin like protein, partial CDS only 170 52.459 8211 AB020713 Homo sapiens KIAA0906 protein 5926 99.567 8212 M89797 Mus musculus Wnt-4 2425 98.860 8213 AF125044 Homo sapiens ubiquitin-conjugating enzyme HBUCE1 1036 100.000 8214 AJ245417 Homo sapiens G5b protein 1026 100.000 8215 AF102548 Mus musculus AT1 receptor-associated protein 804 77.019 8216 AF165429 Arabidopsis thaliana protein phosphatase 2A 62 kDa B'' regulatory subunit 430 26.562	0007	V07707		170	F0. 000
8209 AF040964 Homo sapiens unknown protein IT1 3774 99.008 8210 Z14014 Nicotiana tabacum Pistil extensin like protein, partial CDS only 170 52.459 8211 AB020713 Homo sapiens KIAA0906 protein 5926 99.567 8212 M89797 Mus musculus Wnt-4 2425 98.860 8213 AF125044 Homo sapiens ubiquitin-conjugating enzyme HBUCE1 1036 100.000 8214 AJ245417 Homo sapiens G5b protein 1026 100.000 8215 AF102548 Mus musculus AT1 receptor-associated protein 804 77.019 8216 AF165429 Arabidopsis thaliana protein phosphatase 2A 62 kDa B'' regulatory subunit 430 26.562		<u></u>			
8210 Z14014 Nicotiana tabacum Pistil extensin like protein, partial CDS only 170 52.459 8211 AB020713 Homo sapiens KIAA0906 protein 5926 99.567 8212 M89797 Mus musculus Wnt-4 2425 98.860 8213 AF125044 Homo sapiens ubiquitin-conjugating enzyme HBUCE1 1036 100.000 8214 AJ245417 Homo sapiens G5b protein 1026 100.000 8215 AF102548 Mus musculus AT1 receptor-associated protein 804 77.019 8216 AF165429 Arabidopsis thaliana protein phosphatase 2A 62 kDa B'' regulatory subunit 430 26.562					1
Protein, partial CDS only					
8211 AB020713 Homo sapiens KIAA0906 protein 5926 99.567 8212 M89797 Mus musculus Wnt-4 2425 98.860 8213 AF125044 Homo sapiens ubiquitin-conjugating enzyme HBUCE1 1036 100.000 8214 AJ245417 Homo sapiens G5b protein 1026 100.000 8215 AF102548 Mus musculus AT1 receptor-associated protein 804 77.019 8216 AF165429 Arabidopsis thaliana protein phosphatase 2A 62 kDa B'' regulatory subunit 430 26.562	8510	214014		1,0	52.459
8212 M89797 Mus musculus Wnt-4 2425 98.860 8213 AF125044 Homo sapiens ubiquitin-conjugating enzyme HBUCE1 1036 100.000 8214 AJ245417 Homo sapiens G5b protein 1026 100.000 8215 AF102548 Mus musculus AT1 receptor-associated protein 804 77.019 8216 AF165429 Arabidopsis thaliana protein phosphatase 2A 62 kDa B'' regulatory subunit 430 26.562	8211	AB020713		5026	99 567
8213 AF125044 Homo sapiens ubiquitin-conjugating enzyme HBUCE1 1036 100.000 8214 AJ245417 Homo sapiens G5b protein 1026 100.000 8215 AF102548 Mus musculus AT1 receptor-associated protein 804 77.019 8216 AF165429 Arabidopsis thaliana protein phosphatase 2A 62 kDa B'' regulatory subunit 430 26.562					
HBUCE1					
8214 AJ245417 Homo sapiens G5b protein 1026 100.000 8215 AF102548 Mus musculus AT1 receptor-associated protein 804 77.019 8216 AF165429 Arabidopsis thaliana protein phosphatase 2A 62 kDa B'' regulatory subunit 430 26.562	921J	131 123044		1030	100.000
8215 AF102548 Mus musculus AT1 receptor-associated protein 804 77.019 8216 AF165429 Arabidopsis thaliana protein phosphatase 2A 62 430 26.562 kDa B'' regulatory subunit	8214	AJ245417		1026	100.000
8216 AF165429 Arabidopsis thaliana protein phosphatase 2A 62 430 26.562 kDa B'' regulatory subunit					
kDa B'' regulatory subunit				4	
	8217	AL022238		1665	99.588

8218	Z54271	Caenorhabditis elegans F21D5.6	220	25.000
8219	AJ238236	Rattus norvegicus ribosome associated membrane	283	79.032
*		protein RAMP4		, , , , ,
8220	AJ243503	Mus musculus m46 protein	660	82.906
8221	U43384	Mus musculus gp91phox	3675	93.146
8222	AF076531	Homo sapiens minK-related peptide 2; MiRP2	683	100.000
8223	U41278	Caenorhabditis elegans F33G12.3 gene product	421	27.407
8224	X58769	Homo sapiens V alpha gene segment	362	83.582
8225	AL050159	Homo sapiens hypothetical protein	1691	100.000
8226	AC003096	Arabidopsis thaliana putative protein	370	40.606
		phosphatase 2C		
8227	AF132174	Drosophila melanogaster unknown	1119	52.308
8228	AL035306	Homo sapiens hypothetical protein	1690	100.000
8229	AF049069	Pinus radiata No definition line found	511	57.031
8230	AF039687	Homo sapiens antigen NY-CO-1	2343	100.000
8231	X76105	Homo sapiens DAP-1	724	100.000
8232	AF039716	Caenorhabditis elegans similar to ATP synthase	628	55.357
		B chain		
8233	AJ243320	Canis familiaris hypothetical protein	294	32.278
8234	Y00757	Homo sapiens polypeptide 7B2 precursor	1461	99.057
8235	AB011106	Homo sapiens KIAA0534 protein	4833	100.000
8236	Y11711	Homo sapiens collagen type XIV	195	100.000
8237	AJ006470	Homo sapiens cartilage-associated protein	2723	100.000
		(CASP)	ļ	
8238	AB017112	Mus musculus mCAC	508	33.227
8239	X82240	Homo sapiens T cell leukemia/lymphoma 1	800	100.000
8240	AJ130941	Homo sapiens claudin-9 protein	1442	100.000
8241	Z73906	Caenorhabditis elegans Similarity to	607	70.229
		B.subtilis YQJC protein (TR:G1303954); cDNA		
8242	AF094761	EST EMBL:T01187 comes from this gene	500	70 640
8243	X57985	Mus musculus Rfxank	506	72.642
8243	AP000062	Homo sapiens histone H2B Aeropyrum pernix 152aa long hypothetical	495 183	30.857
0244	APOUUUUZ	protein	103	30.857
8245	AF023130	Homo sapiens Ras-GRF2	8176	99.919
8246	AC002505	Arabidopsis thaliana unknown protein	803	59.239
8247	AB018352	Homo sapiens KIAA0809 protein	8351	100.000
8248	AJ223355	Rattus norvegicus mitochondrial dicarboxylate	1726	89.474
		carrier	1,20	
8249	D29833	Homo sapiens proline rich peptide P-B	107	35.294
8250	AF072933	Homo sapiens Mad2-like protein	1398	100.000
8251	L27645	Danio rerio growth-associated protein	185	37.500
8252	AF098481	Gallus gallus cadherin	648	69.231
8253	AF141377	Mus musculus Ly-6/neurotoxin homolog	682	81.034
8254	AB011157	Homo sapiens KIAA0585 protein	2778	100.000
8255	U23169	Caenorhabditis elegans No definition line	1107	51.724
		found		
8256	AF151901	Homo sapiens CGI-143 protein	897	99.270
8257	M93698	Oncorhynchus mykiss ependymin	249	24.752
8258	AB014562	Homo sapiens KIAA0662 protein	4279	99.398
8259	X68879	Homo sapiens EMX1	1050	99.346
8260	M92441	Bos taurus ornithine decarboxylase	1528	54.126
8261	M76424	Homo sapiens carbonic anhydrase VII	1742	99.603
8262	U88958	Rattus norvegicus neuritin	244	32.075
8263	Z99116	Bacillus subtilis similar to hypothetical	223	35.537
0000	1,005.55	proteins	<u> </u>	
8264	M98539	Homo sapiens prostaglandin D2 synthase	1272	100.000
8265	AF005050	Homo sapiens aspartyl aminopeptidase	3160	100.000
8266	U31332	Homo sapiens DP prostanoid receptor	1901	100.000

8267	AC002130	Arabidopsis thaliana F1N21.1	275	27.807
8268	X67098	Homo sapiens ORF1	238	97.297
8269	D83198	Homo sapiens homology to a plant EST:RICS2753A	1535	99.559
8270	U32828	Haemophilus influenzae Rd ribosomal protein S6	381	31.308
32,0		modification protein (rimK)		
8271	X82027	Sus scrofa BM88 antigen	654	72.000
8272	AF154831	Rattus norvegicus PV-1	1816	60.860
8273	X54673	Homo sapiens GABA transporter	4063	99.332
8274	AF026528	Rattus norvegicus stathmin-like-protein RB3	1215	99.471
8275	U35244	Rattus norvegicus vacuolar protein sorting	3790	96.817
		homolog r-vps33a		
8276	AJ001189	Homo sapiens oligophrenin 1	5367	100.000
8277	D28595	Escherichia coli unknown	260	24.671
8278	D78255	Mus musculus PAP-1	638	82.203
8279	AB026054	Homo sapiens brain finger protein	4323	100.000
8280	AL031394	Arabidopsis thaliana putative protein	376	60.204
8281	AF001308	Arabidopsis thaliana predicted glycosyl	327	28.986
0000	201055	transferase	2400	00 005
8282	X91257	Homo sapiens seryl-tRNA synthetase	3400	99.805
8283	AF125443	Caenorhabditis elegans contains similarity to	820	40.922
8284	AB002359	S. pombe phosphatidyl synthase (GB:Z28295) Homo sapiens KIAA0361	9350	99.927
8285	AF077202	Homo sapiens HSPC016	412	100.000
8286	AF132960	Homo sapiens CGI-26 protein	2162	99.107
8287	AF133422	Homo sapiens HMP19 protein	1139	100.000
8288	AB012309	Cyprinus carpio allograft inflammatory factor-	740	78.169
0200	2012303	1	'40	10.109
8289	AC002505	Arabidopsis thaliana hypothetical protein	403	32.472
8290	AL049730	Arabidopsis thaliana putative protein	680	42.616
8291	278418	Unknown cDNA EST EMBL:D71020 comes from this gene; cDNA EST EMBL:D73593 comes from this gene; cDNA	814	47.791
8292	AL050273	Homo sapiens hypothetical protein	603	98.947
8293	A52140	unidentified HUMAN NDR	1000	98.675
8294	AF151907	Homo sapiens CGI-149 protein	1385	100.000
8295	AL031775	Homo sapiens dJ30M3.3 (novel protein similar to C. elegans Y63D3A.4)	2425	100.000
8296	AF065382	Yersinia pestis adenylate kinase	267	30.556
8297	Z30425	Homo sapiens orphan nuclear hormone receptor	2322	98.584
8298	Z33905	Homo sapiens 43kD Acetylcholine receptor-	2775	100.000
0000	W1.65.05	associated protein (Rapsyn)	0707	100 000
8299	Y16787	Homo sapiens keratin, type I	2786	100.000
8300	M21103	Ovis aries BIIIB4 high-sulfur keratin	648	82.653
8301 8302	X76488	Homo sapiens sterol esterase	1680	60.957
8302	X14420	Homo sapiens prepro-alpha-1 type 3 collagen	1099	99.864
8303	Z85986	Homo sapiens dJ108K11.3 (similar to yeast	1461	78.161
		suppressor protein SRP40)		
8304	U18762	Rattus norvegicus retinol dehydrogenase type I	1148	52.581
8305	AF072467	Homo sapiens unknown	3245	100.000
8306	X63745	Homo sapiens KDEL receptor	1374	100.000
8307	AF117646	Homo sapiens long CBL-3 protein	3331	99.789
8308	AL117557	Homo sapiens hypothetical protein	1780	100.000
8309	AL117495	Homo sapiens hypothetical protein	2932	99.753
8310	AC002301	Homo sapiens Homolog of rat Zymogen granule	1120	100.000
0211	1160004	membrane protein	-	F0 000
8311	U60024	Ovis aries BIIIA3	69	50.000
8312 8313	AF188285 AF112982	Homo sapiens bone morphogenetic protein 9 Homo sapiens group IID secretory phospholipase	2890 1113	100.000
6212	WE TITA ARE	Luomo sabiens droub iin secretory buosbuoiibase	1 1112	1 100.000

	T	T 20		
8314	Z97208	A2 Schizosaccharomyces pombe hypothetical protein	683	47.009
8315	X16560	Homo sapiens precursor polypeptide (AA -16 to	420	100.000
0313	X10300	47)	420	100.000
8316	X04085	Homo sapiens catalase	3642	100.000
8317	M13444	Mus musculus alpha-tubulin isotype M-alpha-6	3047	100.000
8318	AF042276	Pseudomonas putida o251 homolog	752	45.818
8319	U88958	Rattus norvegicus neuritin	931	98.592
8320	L40806	Neurospora crassa Restriction enzyme	821	33.623
		inactivation of met-10 complementation in this		
		region. Sequence similarity to S. cerevisiae		
		chromosome VIII cosmid 9205, accession no.		
		U10556 CDS residues 22627-24126		
8321	AC004131	Homo sapiens Unknown gene product	919	40.759
8322	U19596	Mus musculus p18 protein	207	35.115
8323	U21549	Mus musculus Ac39/physophilin	1623	68.208
8324	X79888	Homo sapiens AU-binding protein/Enoyl-CoA	2181	100.000
		hydratase		
8325	AF036694	Caenorhabditis elegans No definition line	237	25.478
		found		
8326	D45370	Homo sapiens unknown product specific to	462	100.000
		adipose tissue	<u> </u>	
8327	M88469	Rattus norvegicus f-spondin	5595	96.654
8328	X87237	Homo sapiens a-glucosidase I	5754	99.283
8329	AC007231	Arabidopsis thaliana putative disease	632	34.393
0220	777.61101	resistance protein	1	0.7.500
8330	AF161181	Mus musculus P55T protein	3458	97.593
8331	AF117814	Mus musculus odd-skipped related 1 protein	1218	66.667
8332	D13126	Rattus norvegicus neural visinin-like Ca2+- binding protein type 3	264	32.593
8333	D14849	Mus musculus meiosis-specific nuclear	2498	77.393
		structural protein 1		
8334	AB020711	Homo sapiens KIAA0904 protein	6583	99.900
8335	AL008729	Homo sapiens predicted protein dJ257A7.2	878	98.519
8336	Z72510	Unknown similarity to yeast UTR3 protein	800	49.446
		(Swiss Prot accession number P21374); cDNA EST		
		EMBL: D72822		
8337	Z97992	Schizosaccharomyces pombe hypothetical protein	223	47.761
8338	Y14768	Homo sapiens I Kappa B-like protein	2673	100.000
8339	AF069737	Xenopus laevis notchless	2762	82.452
8340	Z98944	Schizosaccharomyces pombe hypothetical protein	345	31.884
8341	AF144235	Homo sapiens hypothetical protein SBBI42	1103	100.000
8342	Y00796	Homo sapiens LFA-1 alpha subunit precursor (AA	7821	99.829
0242	T 10010	-25 to 1145)	1506	50 772
8343	L10910	Homo sapiens splicing factor	1526	59.773
8344	AB014589	Homo sapiens KIAA0689 protein	3783	100.000
8345	Y12653	Homo sapiens diubiquitin	1068	99.394
8346	AL034397	Homo sapiens dA159A1.1 (novel protein)	2669	100.000
8347	270750	Caenorhabditis elegans similar to vanadate	1213	58.457
		resistance protein transmembranous domains;		
8348	AC002045	cDNA EST yk664g4.3 comes from this gene Homo sapiens Unknown protein product	2224	98.784
0340	AC002043	CIT987SK-A-589H1 1 splice form 1	2224	90.704
8349	AL034488	Caenorhabditis elegans predicted using	734	54.502
		Genefinder; cDNA EST yk433c6.3 comes from this		[
		gene; cDNA EST EMBL: D72601 comes from this		
	i .		1	1
		gene; cDNA EST EMBL:D75524 comes from this	1	i l
8350	X02585	gene; CDNA EST EMBL:D75524 comes from this gene; cDNA EST yk433c6.5 comes from this gene Xenopus laevis unidentified open reading frame	169	65.000

	T	1 (166 aa)	1	
8351	AF155100	Homo sapiens zinc finger protein NY-REN-21	2895	100.000
		antigen		
8352	AL035297	Homo sapiens hypothetical protein	1067	100.000
8353	J05071	Bos taurus GTP-binding regulatory protein	454	100.000
		gamma-6 subunit		
8354	AF171060	Mus musculus RING finger protein AO7	2565	81.917
8355	X63417	Homo sapiens IRLB	649	51.042
8356	AF093680	Homo sapiens transcription factor IIB	1281	100.000
8357	AF087825	Mus musculus claudin-7	211	47.500
8358	AL021960	Arabidopsis thaliana adrenodoxin-like protein	414	51.282
8359	Y18007	Homo sapiens seven transmembrane domain	1412	93.304
		protein		
8360	X75315	Homo sapiens SEB4B	1500	97.826
8361	AL050170	Homo sapiens hypothetical protein	935	100.000
8362	AF176784	Rattus norvegicus eps8 binding protein	897	39.446
8363	AL080071	Homo sapiens hypothetical protein	847	100.000
8364	X84003	Homo sapiens PolII transcription factor TFIID	816	100.000
8365	X64037	Homo sapiens RNA polymerase II associated	3388	100.000
		protein RAP74		
8366	AF098798	Homo sapiens unknown	2301	99.713
8367	X04085	Homo sapiens catalase	3642	100.000
8368	AF132172	Drosophila melanogaster unknown	1053	40.705
8369	X54449	Oryza sativa Glycine-rich protein	203	46.512
8370	AL080201	Homo sapiens hypothetical protein	1079	99.383
8371	X69089	Homo sapiens 165kD protein	9811	99.795
8372	Z99130	Homo sapiens dJ83L6.1 (DNA binding Zinc finger	5467	98.257
0272	V00070	protein ZFPA (ZXDA))	0101	100 000
8373 8374	X92972	Homo sapiens protein phosphatase 6	2131	100.000
83/4	M87307	Xenopus laevis fast skeletal muscle beta-	1514	87.324
8375	AF045564	tropomyosin Rattus norvegicus development-related protein	2200	93.182
8376	AL050297	Homo sapiens hypothetical protein	2957	98.886
8377	M11900	Mus musculus 15-kDa proline-rich salivary	216	36.508
0377	MILIOU	protein	210	30.300
8378	L22342	Homo sapiens phosphoprotein	233	97.059
8379	AF172854	Homo sapiens cardiotrophin-like cytokine CLC	1579	100.000
8380	AJ224878	Homo sapiens T-cell receptor interacting	1242	100.000
		molecule (TRIM) protein		
8381	M84379	Homo sapiens lymphocyte antigen	2482	99.178
8382	Z99297	Homo sapiens dJ262D12.2	870	100.000
		((mitochondrial/chloroplast 30S ribosomal		
		protein S14)-LIKE protein)		
8383	AF007130	protein S14)-LIKE protein) Homo sapiens unknown	1694	100.000
8384	D00099	protein S14)-LIKE protein) Homo sapiens unknown Homo sapiens Na,K-ATPase alpha-subunit	6746	100.000
8384 8385	D00099 X05908	protein S14)-LIKE protein) Homo sapiens unknown Homo sapiens Na,K-ATPase alpha-subunit Homo sapiens lipocortin (AA 1-346)	6746 2207	100.000
8384 8385 8386	D00099 X05908 M27288	protein S14)-LIKE protein) Homo sapiens unknown Homo sapiens Na,K-ATPase alpha-subunit Homo sapiens lipocortin (AA 1-346) Homo sapiens oncostatin M	6746 2207 1682	100.000 100.000 99.603
8384 8385 8386 8387	D00099 X05908 M27288 X97571	protein S14)-LIKE protein) Homo sapiens unknown Homo sapiens Na,K-ATPase alpha-subunit Homo sapiens lipocortin (AA 1-346) Homo sapiens oncostatin M Mus musculus HCMV-interacting protein	6746 2207 1682 563	100.000 100.000 99.603 96.809
8384 8385 8386 8387 8388	D00099 X05908 M27288 X97571 X04391	protein S14)-LIKE protein) Homo sapiens unknown Homo sapiens Na,K-ATPase alpha-subunit Homo sapiens lipocortin (AA 1-346) Homo sapiens oncostatin M Mus musculus HCMV-interacting protein Homo sapiens put. precursor polypeptide	6746 2207 1682 563 3463	100.000 100.000 99.603 96.809 99.798
8384 8385 8386 8387 8388 8389	D00099 X05908 M27288 X97571 X04391 AF161080	protein S14)-LIKE protein) Homo sapiens unknown Homo sapiens Na,K-ATPase alpha-subunit Homo sapiens lipocortin (AA 1-346) Homo sapiens oncostatin M Mus musculus HCMV-interacting protein Homo sapiens put. precursor polypeptide Homo sapiens inhibitory receptor PIRIIalpha	6746 2207 1682 563 3463 2014	100.000 100.000 99.603 96.809 99.798 99.340
8384 8385 8386 8387 8388 8389 8390	D00099 X05908 M27288 X97571 X04391	protein S14)-LIKE protein) Homo sapiens unknown Homo sapiens Na,K-ATPase alpha-subunit Homo sapiens lipocortin (AA 1-346) Homo sapiens oncostatin M Mus musculus HCMV-interacting protein Homo sapiens put. precursor polypeptide	6746 2207 1682 563 3463	100.000 100.000 99.603 96.809 99.798
8384 8385 8386 8387 8388 8389 8390	D00099 X05908 M27288 X97571 X04391 AF161080	protein S14)-LIKE protein) Homo sapiens unknown Homo sapiens Na,K-ATPase alpha-subunit Homo sapiens lipocortin (AA 1-346) Homo sapiens oncostatin M Mus musculus HCMV-interacting protein Homo sapiens put. precursor polypeptide Homo sapiens inhibitory receptor PIRIIalpha Homo sapiens angiotensin/vasopressin receptor	6746 2207 1682 563 3463 2014	100.000 100.000 99.603 96.809 99.798 99.340
8384 8385 8386 8387 8388 8389 8390 8391 8392	D00099 X05908 M27288 X97571 X04391 AF161080 AF054176	protein S14)-LIKE protein) Homo sapiens unknown Homo sapiens Na,K-ATPase alpha-subunit Homo sapiens lipocortin (AA 1-346) Homo sapiens oncostatin M Mus musculus HCMV-interacting protein Homo sapiens put. precursor polypeptide Homo sapiens inhibitory receptor PIRIIalpha Homo sapiens angiotensin/vasopressin receptor AII/AVP	6746 2207 1682 563 3463 2014 3449	100.000 100.000 99.603 96.809 99.798 99.340 99.416
8384 8385 8386 8387 8388 8389 8390 8391 8392 8393	D00099 X05908 M27288 X97571 X04391 AF161080 AF054176 L08239 AF087679 AF121863	protein S14)-LIKE protein) Homo sapiens unknown Homo sapiens Na,K-ATPase alpha-subunit Homo sapiens lipocortin (AA 1-346) Homo sapiens oncostatin M Mus musculus HCMV-interacting protein Homo sapiens put. precursor polypeptide Homo sapiens inhibitory receptor PIRIIalpha Homo sapiens angiotensin/vasopressin receptor AII/AVP Homo sapiens located at OATL1 Sus scrofa tropomyosin 4 Homo sapiens sorting nexin 14	6746 2207 1682 563 3463 2014 3449	100.000 100.000 99.603 96.809 99.798 99.340 99.416
8384 8385 8386 8387 8388 8389 8390 8391 8392 8393 8394	D00099 X05908 M27288 X97571 X04391 AF161080 AF054176 L08239 AF087679 AF121863 AL050101	protein S14)-LIKE protein) Homo sapiens unknown Homo sapiens Na,K-ATPase alpha-subunit Homo sapiens lipocortin (AA 1-346) Homo sapiens oncostatin M Mus musculus HCMV-interacting protein Homo sapiens put. precursor polypeptide Homo sapiens inhibitory receptor PIRIIalpha Homo sapiens angiotensin/vasopressin receptor AII/AVP Homo sapiens located at OATL1 Sus scrofa tropomyosin 4 Homo sapiens sorting nexin 14 Homo sapiens hypothetical protein	6746 2207 1682 563 3463 2014 3449 2701 1515 2498 3605	100.000 100.000 99.603 96.809 99.798 99.340 99.416
8384 8385 8386 8387 8388 8389 8390 8391 8392 8393 8394 8395	D00099 X05908 M27288 X97571 X04391 AF161080 AF054176 L08239 AF087679 AF121863 AL050101 AL109846	protein S14)-LIKE protein) Homo sapiens unknown Homo sapiens Na,K-ATPase alpha-subunit Homo sapiens lipocortin (AA 1-346) Homo sapiens oncostatin M Mus musculus HCMV-interacting protein Homo sapiens put. precursor polypeptide Homo sapiens inhibitory receptor PIRIIalpha Homo sapiens angiotensin/vasopressin receptor AII/AVP Homo sapiens located at OATL1 Sus scrofa tropomyosin 4 Homo sapiens sorting nexin 14 Homo sapiens hypothetical protein Schizosaccharomyces pombe hypothetical protein	6746 2207 1682 563 3463 2014 3449 2701 1515 2498	100.000 100.000 99.603 96.809 99.798 99.340 99.416 100.000 100.000 100.000 33.146
8384 8385 8386 8387 8388 8389 8390 8391 8392 8393 8394	D00099 X05908 M27288 X97571 X04391 AF161080 AF054176 L08239 AF087679 AF121863 AL050101	protein S14)-LIKE protein) Homo sapiens unknown Homo sapiens Na,K-ATPase alpha-subunit Homo sapiens lipocortin (AA 1-346) Homo sapiens oncostatin M Mus musculus HCMV-interacting protein Homo sapiens put. precursor polypeptide Homo sapiens inhibitory receptor PIRIIalpha Homo sapiens angiotensin/vasopressin receptor AII/AVP Homo sapiens located at OATL1 Sus scrofa tropomyosin 4 Homo sapiens sorting nexin 14 Homo sapiens hypothetical protein	6746 2207 1682 563 3463 2014 3449 2701 1515 2498 3605	100.000 100.000 99.603 96.809 99.798 99.340 99.416 100.000 100.000 100.000

8397	Z81490	Unknown similar to WD domain, G-beta repeats	2184	62.427
		(2 domains); cDNA EST EMBL:T00482 comes from this gene		
8398	U25353	Gallus gallus homeodomain protein AKR	650	51.915
8399	AF081353	Homo sapiens GTP-binding protein	1461	100.000
8400	Y15286	Homo sapiens vacuolar proton-ATPase subunit M9.2	594	100.000
8401	AL031431	Homo sapiens dJ462023.1 (novel protein)	2140	99.676
8402	D87973	Mus musculus Impact	1796	82.500
8403	AF156884	Homo sapiens RIP-like kinase	3567	99.807
8404	X91257	Homo sapiens seryl-tRNA synthetase	3400	99.805
8405	Z82062	Caenorhabditis elegans cDNA EST yk415c12.5 comes from this gene; cDNA EST yk526h3.3 comes from this gene; cDNA EST yk599b1.3 comes from this gene	545	42.941
8406	Z93386	Unknown Similarity to Yeast hypothetical 52.9 KD protein (SW:P43616); cDNA EST EMBL:M89432 comes fr	1807	58.030
8407	AJ010059	Homo sapiens SIT protein	1335	100.000
8408	AF068302	Homo sapiens choline/ethanolaminephosphotransferase	2854	100.000
8409	U89432	Mus musculus unknown	656	69.799
8410	AL050107	Homo sapiens hypothetical protein	1732	100.000
8411	D86964	Homo sapiens similar to a human major CRK-binding protein DOCK180.	1218	100.000
8412	AL080091	Homo sapiens hypothetical protein	1755	99.225
8413	X89399	Homo sapiens Ins P4-binding protein	5564	99.520
8414	AL031775	Homo sapiens dJ30M3.1 (novel protein similar to (predicted) plant, worm, yeast and archaea bacterial proteins)	712	100.000
8415	AL021453	Homo sapiens dJ821D11.3 (PUTATIVE protein)	1256	100.000
8416	AF015811	Mus musculus putative lysophosphatidic acid acyltransferase	1900	96.564
8417	AF127761	Homo sapiens ribonucleoprotein RBM8	1194	100.000
8418	A42942	unidentified unnamed protein product	219	34.314
8419	X71975	Drosophila melanogaster put. homologue to S.cerevisiae GAR1 gene	861	59.740
8420	AF095927	Rattus norvegicus protein phosphatase 2C	2475	95.153
8421	U10414	Caenorhabditis elegans Contains similarity to Pfam domain: PF00005 (ABC_tran), Score=245.2, E-value=3e-70, N=2	2268	50.142
8422	AL117472	Homo sapiens hypothetical protein	5442	99.877
8423	U61953	Caenorhabditis elegans No definition line found	1001	47.904
8424	AL031774	Homo sapiens dek (putative oncogene)	2390	100.000
8425	D42039	Homo sapiens The haloo9 gene product is novel.	1563	100.000
8426	Z99104	Bacillus subtilis similar to hypothetical proteins	461	32.955
8427	AJ001612	Homo sapiens L-3-phosphoserine-phosphatase homologue	507	100.000
8428	X15525	Homo sapiens acid phosphatase	2891	99.764
8429	AF025468	Caenorhabditis elegans No definition line found	815	34.286
8430	AC004874	Homo sapiens similar to N-acetylgalactosaminyltransferase; similar to Q07537 (PID:g1171989)	1211	98.895
8431	AF120102	Homo sapiens calsenilin	998	69.388
8432	Y13148	Rattus norvegicus PAG608	1746	88.194
8433	X17320	Mus musculus put. brain specific antigen (AA	161	46.296

8434 API-46738 Rattus norvegicus testis specific protein 992 83.523 8435 UB194 Momo sapiens TRAF4-associated factor 2 2612 100.000 8436 D10376 Bos taurus mitochondrial adenylate kinase 1405 92.511 8437 Y09305 Homo sapiens protein kinase 1600 100.000 8438 X94917 Drosophila melanogaster head-elevated 170 23.711 8439 AB017644 Homo sapiens bulquitin-conjugating enzyme E2 1169 85.93 8440 AL050173 Homo sapiens hypothetical protein 1177 97.312 8441 AC06518 Homo sapiens BC41195 1 1062 78.894 8442 Av001019 Homo sapiens Eving finger protein 584 40.756 8443 AP156857 Homo sapiens Eving finger protein 3965 100.000 8444 Pistal Av005578 Homo sapiens Gerbphosphofructo-2-kinase 3353 100.000 8446 US884 Mususculus SH3P7 2448 85.747 8447 AF151890 Homo sapiens Suproline-5-carboxylate reductase 1734 87.561 8448 US18 2.5094 Homo sapiens similar to prot		1	1-62)		
8435 U83194 Homo sapiens TRRF4-associated factor 2 2612 100.000 8436 D10376 Bos taurus mitochondrial adenylate kinase 1405 92.511 8437 Y09305 Homo sapiens protein kinase 1640 100.000 8438 X94917 Orosophila melanogaster head-elevated 170 23.711 8439 AB017644 Homo sapiens bypothetical protein 1179 97.312 8440 AL050173 Romo sapiens Bc411951 1062 78.884 8442 AJ001019 Romo sapiens Ec411951 1062 78.884 8443 AF156657 Romo sapiens Ec411951 1062 78.884 8443 AF156657 Romo sapiens Ec411951 3065 79.7312 8443 AF156657 Romo sapiens Ec411951 3066 98.479 8444 AF133124 Romo sapiens Bc411951 3066 98.479 8445 AJ050578 Mom sapiens Bc71132 2448 85.74 8447 AF15889 Romo sapiens Bc71-32 protein 929 100.000	8434	AF146738		992	83 523
8436 010376 Bos taurus mitochondrial adenylate kinase 1405 92.511					
Sozyme 3					
1640 100.000		220070		1105	32.311
B438 X94917 Drosophila melanogaster head-elevated expression in 0.9 kb	8437	Y09305		1640	100.000
expression in 0.9 kb	8438				
8440 ALO50173 Homo sapiens hypothetical protein 1177 97.312 8441 ACO06538 Homo sapiens BC41195 1 1062 78.894 8442 AJ001019 Homo sapiens ring finger protein 3965 100.000 8443 AF156857 Homo sapiens transcription factor IIIC63 3466 98.479 8444 AF133124 Homo sapiens transcription factor IIIC63 3466 98.479 8446 USB884 Mus musculus SH3P7 2448 85.747 8447 AF151890 Homo sapiens CGI-132 protein 929 100.000 8448 US3148 Caenorhabditis elegans similar to protein 271 35.461 8449 M77836 Homo sapiens pyrroline-5-carboxylate reductase 1739 84.591 8450 AB04316 Bos taurus mitochondrial methionyl-tRNA 2227 87.838 8451 235094 Homo sapiens SURF-2 1734 97.266 8452 AL050275 Homo sapiens methyltransferase 1887 93.493 8453 D13308 Sus scoro	l				
8441 AC006538 Homo sapiens BC41195 1 1062 78.894 8442 AJ001019 Homo sapiens ring finger protein 584 40.756 8443 AF156857 Homo sapiens actin-binding protein 3965 100.000 8444 AF133124 Homo sapiens transcription factor IIIC63 3466 98.479 8445 AJ005578 Homo sapiens ferosphortucto-Zekinase 3353 100.000 8446 D85884 Mus musculus SH3P7 2448 85.747 8470 Raf15890 Homo sapiens CGI-132 protein 929 100.000 8440 AF151890 Homo sapiens CGI-132 protein 271 35.461 8440 AF151890 Homo sapiens Spyrroline-5-carboxylate reductase 1739 84.51 8450 AB004316 Bos taurus mitochondrial methionyl-tRNA 2227 87.338 8451 Z35094 Homo sapiens Spyrroline-5-carboxylate reductase 1734 97.266 8452 ALD60275 Homo sapiens spyrroline-5-carboxylate reductase 1837 95.526 8453 D13308	8439	AB017644	Homo sapiens ubiquitin-conjugating enzyme E2	1169	85.990
8442 Aviolo1019 Homo sapiens ring finger protein 584 40.756 8443 AF156857 Homo sapiens actin-binding protein 3965 100.000 8444 AF133124 Homo sapiens transcription factor IIIC63 3466 98.479 8445 AJ005578 Homo sapiens cG1-j32 protein 2448 85.747 8447 AF151890 Homo sapiens CG1-j32 protein 929 100.000 8448 US3148 Caenorhabditis elegans similar to protein kinase C inhibitors 271 35.461 8449 M77836 Homo sapiens pyrroline-5-carboxylate reductase 1739 84.591 8450 AB004316 Bos taurus mitochondrial methionyl-tRNA 2227 87.838 8451 235094 Homo sapiens SURF-2 1734 97.266 8452 AL050275 Homo sapiens Pyroline-5-carboxylate reductase 1887 93.493 8453 233308 Sus scrofa glycine N-methyltransferase 1887 93.493 8454 Z69944 Schizosaccharomyces pombe putative 350 43.165 8455	8440	AL050173	Homo sapiens hypothetical protein	1177	97.312
8443 AF156857 Homo sapiens actin-binding protein 3965 100.000 8444 AF133124 Homo sapiens f-phosphofructo-2-kinase 3353 100.000 8446 058884 Mus musculus SH377 2448 85.747 8447 AF151889 Homo sapiens CGI-132 protein 929 100.000 8448 US3148 Caenorhabditis elegans similar to protein kinase C inhibitors 271 35.461 8449 M77836 Homo sapiens pyrroline-5-carboxylate reductase 1739 84.591 8450 AB004316 Bos taurus mitochondrial methionyl-tRNA 2227 87.838 8451 235094 Homo sapiens SURF-2 1734 97.260 8452 AL050275 Homo sapiens Pyptothetical protein 3077 99.520 8453 D13308 Sus scrofa glycine N-methyltransferase 1887 93.493 8455 AJ223183 Homo sapiens piptotein 1568 99.580 8455 AJ223183 Homo sapiens similar to HUBI; similar to 5085 99.720 8456 AC004890	8441	AC006538	Homo sapiens BC41195 1	1062	78.894
8443 AF156857 Homo sapiens actin-binding protein 3965 100.000 8444 AF133124 Homo sapiens f-phosphofructo-2-kinase 3353 100.000 8445 AJ005578 Homo sapiens G-phosphofructo-2-kinase 3353 100.000 8447 AF151889 Mus musculus SH397 2448 85.747 8447 AF151889 London American Musculus SH397 2448 85.747 8449 M77836 Homo sapiens CGI-132 protein 299 100.000 8449 M77836 Homo sapiens pyrroline-5-carboxylate reductase 1739 84.591 8450 AB004316 Bos taurus mitochondrial methionyl-tRNA 2227 87.38 8451 235094 Homo sapiens SURF-2 1734 97.260 8452 AL050275 Homo sapiens SURF-2 1734 97.266 8452 AL050275 Homo sapiens bypothetical protein 3077 99.520 8453 D13308 Sus scrofa glycine N-methyltransferase 1867 93.493 8453 AU223183 Homo sapiens bypothetical prote	8442	AJ001019	Homo sapiens ring finger protein	584	40.756
8445 AJ005578 Homo sapiens 6-phosphofructo-2-kinase 3353 100.000 8446 U58884 Mus musculus SH3P7 2448 85.747 8447 AF151890 Homo sapiens CGI-132 protein 929 100.000 8448 U53148 Caenorhabditis elegans similar to protein 271 35.461 8449 M77836 Homo sapiens pyrroline-5-carboxylate reductase 1739 84.591 8450 AB004316 Bos taurus mitochondrial methionyl-tRNA 2227 87.838 8451 Z35094 Homo sapiens SURF-2 1734 97.266 8452 AL050275 Homo sapiens SURF-2 1734 97.266 8453 D13308 Sus scrofa glycine N-methyltransferase 1887 93.493 8454 Z69944 Schizosaccharomyces pombe putative 350 43.165 8455 AJ223183 Homo sapiens Similar to HUB1; similar to BABC similar to BABC similar to BABC similar to BABC similar to BABC similar to BABC similar to BABC similar to BABC similar to BABC similar to BABC similar to BABC similar to BABC similar to BABC similar similar to BABC similar similar to BABC similar similar to BABC similar similar to BABC similar similar to BABC s	8443	AF156857	Homo sapiens actin-binding protein	3965	100.000
8446 US8884 Mus musculus SH397 2448 85.747	8444	AF133124	Homo sapiens transcription factor IIIC63	3466	98.479
8447 AFI51890 Homo sapiens CGI-132 protein 929 100.000 8448 US3148 Caenorhabditis elegans similar to protein 271 35.461 8449 M77836 Homo sapiens pyrroline-5-carboxylate reductase 1739 84.591 8450 AB004316 Bos taurus mitochondrial methionyl-tRNA 2227 87.838 8451 Z35094 Homo sapiens SURF-2 1734 97.266 8452 AL050275 Homo sapiens hypothetical protein 3077 99.520 8453 D13308 Sus scrofa glycine N-methyltransferase 1887 93.493 8454 Z69944 Schizosaccharomyces pombe putative endonuclease 350 43.165 8455 AZ223183 Homo sapiens DORA protein 1568 99.585 8456 AC004890 Homo sapiens SWIX collagen 79 34.091 8457 U09280 Homo sapiens beta-transducin repeats 3674 99.649 8459 Y14153 Homo sapiens similar to RFP transforming protein 1169 99.415 8459 Y14153 <	8445	AJ005578	Homo sapiens 6-phosphofructo-2-kinase	3353	100.000
8448 U53148	8446	U58884	Mus musculus SH3P7	2448	85.747
Ref	8447	AF151890	Homo sapiens CGI-132 protein	929	100.000
8449 M77836 Homo sapiens pyrroline-5-carboxylate reductase 1739 84.591 8450 AB004316 Bos taurus mitochondrial methionyl-tRNA 2227 87.838 8451 235094 Homo sapiens SURF-2 1734 97.266 8452 AL050275 Homo sapiens bypothetical protein 3077 99.520 8453 D13308 Sus scrofa glycine N-methyltransferase 1887 93.493 8454 Z69944 Schizosaccharomyces pombe putative endonuclease 350 43.165 8455 AJ223183 Homo sapiens DORA protein 1568 99.585 8456 AC004890 Homo sapiens similar to HUB1; similar to BA24380 (PID:g2789430) 5085 99.720 8457 U09280 Homo sapiens type XIX collagen 79 34.091 8458 AJ224442 Homo sapiens bethyltransferase 1169 99.449 8460 AC006014 Homo sapiens similar to RFP transforming protein; similar to P14373 (PID:g132517) 1142 98.780 8461 AC005099 Homo sapiens match to AI222572 (NID:g3804775) 602 100.000	8448	U53148	Caenorhabditis elegans similar to protein	271	35.461
8450 AB004316 Bos taurus mitochondrial methionyl-tRNA transformylase 2227 87.838 8451 Z35094 Homo sapiens SURF-2 1734 97.266 8452 AL050275 Homo sapiens hypothetical protein 3077 99.520 8453 D13308 Sus scrofa glycine N-methyltransferase 1887 93.493 8454 Z69944 Schizosaccharomyces pombe putative 350 43.165 8455 AJ223183 Homo sapiens DORA protein 1568 99.585 8456 AC004890 Homo sapiens Similar to HUB1; similar to 5085 99.720 8457 U09280 Homo sapiens similar to HUB1; similar to 5085 99.720 8458 AJ224442 Homo sapiens theta-transducin repeats containing protein 3874 99.649 8459 Y14153 Homo sapiens similar to RFP transforming protein; similar to P14373 (PID:g132517) 1142 98.780 8460 AC006014 Homo sapiens match to AI222572 (NID:g3804775) 602 100.000 8461 AC005099 Homo sapiens similar to P14373 (PID:g132517) 602 100.000					
transformylase				1739	84.591
8451 Z35094 Homo sapiens SURF-2 1734 97.266 8452 AL050275 Homo sapiens hypothetical protein 3077 99.520 8453 D13308 Sus scrofa glycine N-methyltransferase 1887 93.493 8454 Z69944 Schizosaccharomyces pombe putative endonuclease 350 43.165 8455 AJ223183 Homo sapiens DORA protein 1568 99.585 8456 AC004890 Homo sapiens Similar to HUB1; similar to BA24380 (PID:q2789430) 5085 99.720 8457 U09280 Homo sapiens stype XIX collagen 79 34.091 8458 AJ224442 Homo sapiens methyltransferase 1169 99.415 8459 Y14153 Homo sapiens beta-transducin repeats 3874 99.649 8460 AC006014 Homo sapiens similar to RFP transforming protein; similar to P14373 (PID:q32517) 602 100.000 8461 AC005099 Homo sapiens shomologous to Bombyx mori multiprotein base in codon) (561 is 3rd base in codon) 948 100.000 8463 AJ005259 Homo sapiens hypothetical protein, similar to (U779	8450	AB004316	Bos taurus mitochondrial methionyl-tRNA	2227	87.838
8452 AL050275 Homo sapiens hypothetical protein 3077 99.520 8453 D13308 Sus scrofa glycine N-methyltransferase 1887 93.493 8454 Z69944 Schizosaccharomyces pombe putative endonuclease 350 43.165 8455 AJ223183 Homo sapiens DORA protein 1568 99.585 8456 AC004890 Homo sapiens DORA protein 5085 99.720 8457 U09280 Homo sapiens similar to HUB1; similar to BA24380 (PID:g2789430) 79 34.091 8458 AJ222442 Homo sapiens by XIX collagen 79 34.091 8459 Y14153 Homo sapiens beta-transducin repeats containing protein 3874 99.649 8460 AC006014 Homo sapiens match to AI222572 (NID:g3804775) 602 100.000 8461 AC005099 Homo sapiens homologous to Bombyx mori multiprotein bridging factor (EMBL: AB001078) 94.8 100.000 8462 AL079281 Homo sapiens hypothetical protein, similar to (U77968) neuronal PAS domain protein 1845 35.217 8465 AL079281 Homo sapiens sa3729 1				<u> </u>	
8453 D13308 Sus scrofa glycine N-methyltransferase 1887 93.493 8454 Z69944 Schizosaccharomyces pombe putative endonuclease 350 43.165 8455 AJ223183 Homo sapiens DORA protein 1568 99.585 8456 AC004890 Homo sapiens similar to HUBI; similar to BAA24380 (PID;92789430) 5085 99.720 8457 U09280 Homo sapiens type XIX collagen 79 34.091 8458 AJ2224442 Homo sapiens methyltransferase 1169 99.415 8459 Y14153 Homo sapiens beta-transducin repeats containing protein 1169 99.415 8460 AC006014 Homo sapiens similar to RFP transforming protein; similar to P14373 (PID;9132517) 1142 98.780 8461 AC005099 Homo sapiens match to AI222572 (NID;93804775) 602 100.000 8462 V00507 Homo sapiens homologous to Bombyx mori pase in codon) 948 100.000 8463 AJ005259 Homo sapiens homologous to Bombyx mori pate in multiprotein bridging factor (EMBL: AB001078) 845 35.217 8465 AL079281				1734	
8454 Z69944 Schizosaccharomyces pombe putative endonuclease endonuclease 350 43.165 8455 AJ223183 Homo sapiens DORA protein 1568 99.585 8456 AC004890 Homo sapiens similar to HUB1; similar to BAA24380 (PID:g2789430) 79 34.091 8457 U09280 Homo sapiens type XIX collagen 79 34.091 8458 AJ224442 Homo sapiens methyltransferase 1169 99.415 8459 Y14153 Homo sapiens beta-transducin repeats containing protein 3874 99.649 8460 AC006014 Homo sapiens similar to RFP transforming protein; similar to P14373 (PID:g132517) 1142 98.780 8461 AC005099 Homo sapiens match to AI222572 (NID:g3804775) 602 100.000 8462 V00507 Homo sapiens scoding sequence of DHFR (1 is 1st st base in codon) 1129 92.896 8463 AJ005259 Homo sapiens homologous to Bombyx mori multiprotein bridging factor (EMBL: AB001078) 845 35.217 8465 AL079281 Homo sapiens hypothetical protein, similar to (U77968) neuronal PAS domain protein 1 1258 98.000				3077	99.520
endonuclease				1887	
8455 AJ223183 Homo sapiens DORA protein 1568 99.585 8456 AC004890 Homo sapiens similar to HUB1; similar to BAA24380 (PID:g2789430) 5085 99.720 8457 U09280 Homo sapiens type XIX collagen 79 34.091 8458 AJ224442 Homo sapiens methyltransferase 1169 99.415 8459 Y14153 Homo sapiens beta-transducin repeats containing protein 3874 99.649 8460 AC006014 Homo sapiens similar to RFP transforming protein; similar to P14373 (PID:g132517) 1142 98.780 8461 AC005099 Homo sapiens match to AI222572 (NID:g3804775) 602 100.000 8462 V00507 Homo sapiens homologous to Bombyx mori multiprotein bridging factor (EMBL: AB001078) 948 100.000 8463 AJ005259 Homo sapiens hypothetical protein, similar to (U77968) neuronal PAS domain protein 845 35.217 8466 AL079281 Homo sapiens R33729 1, partial CDS 973 96.711 8467 AF012652 Trypanosoma cruzi Tcrab27 233 68.000 8468 AC005594	8454	Z69944		350	43.165
8456 AC004890 Homo sapiens similar to HUB1; similar to BAA24380 (PID:g2789430) 5085 99.720 8457 U09280 Homo sapiens type XIX collagen 79 34.091 8458 AJ224442 Homo sapiens methyltransferase 1169 99.415 8459 Y14153 Homo sapiens beta-transducin repeats containing protein 3874 99.649 8460 AC006014 Homo sapiens similar to RFP transforming protein; similar to P14373 (PID:g132517) 1142 98.780 8461 AC005099 Homo sapiens match to AI222572 (NID:g3804775) 602 100.000 8462 V00507 Homo sapiens socding sequence of DHFR (1 is 1st base in codon) 1129 92.896 8463 AJ005259 Homo sapiens homologous to Bombyx mori multiprotein bridging factor (EMBL: AB001078) 948 100.000 8464 AL022605 Arabidopsis thaliana putative gammaglutansferase 845 35.217 8465 AL079281 Homo sapiens hypothetical protein, similar to (U77968) neuronal PAS domain protein 1 188 34.021 8466 M19351 Mus musculus immunoglobulin heavy chain binding protein 188	8455	A.T223183		1568	99 585
BAA24380 (PID:g2789430) Reference BAA24380 (PID:g2789430) Reference				_1	
8457 U09280 Homo sapiens type XIX collagen 79 34.091 8458 AJ224442 Homo sapiens methyltransferase 1169 99.415 8459 Y14153 Homo sapiens beta-transducin repeats containing protein 3874 99.649 8460 AC006014 Homo sapiens similar to RFP transforming protein; similar to P14373 (PID:g132517) 1142 98.780 8461 AC005099 Homo sapiens match to AI222572 (NID:g3804775) 602 100.000 8462 V00507 Homo sapiens coding sequence of DHFR (1 is 1st base in codon) 1129 92.896 8463 AJ005259 Homo sapiens homologous to Bombyx mori multiprotein bridging factor (EMBL: AB001078) 948 100.000 8464 AL022605 Arabidopsis thaliana putative gamma-glutamyltransferase 845 35.217 8465 AL079281 Homo sapiens hypothetical protein, similar to (U77968) neuronal PAS domain protein 1 188 34.021 8466 M19351 Mus musculus immunoglobulin heavy chain binding protein 188 34.021 8468 AC005594 Homo sapiens R33729 1, partial CDS 973 96.711	0130	110001030		1 3003	33.720
8458 AJ224442 Homo sapiens methyltransferase 1169 99.415 8459 Y14153 Homo sapiens beta-transducin repeats containing protein 3874 99.649 8460 AC006014 Homo sapiens similar to RFP transforming protein; similar to P14373 (PID:g132517) 1142 98.780 8461 AC005099 Homo sapiens match to AI222572 (NID:g3804775) 602 100.000 8462 V00507 Homo sapiens coding sequence of DHFR (1 is 1st base in codon) 1129 92.896 8463 AJ005259 Homo sapiens homologous to Bombyx mori multiprotein bridging factor (EMBL: AB001078) 948 100.000 8464 AL022605 Arabidopsis thaliana putative gammamultiprotein glutamyltransferase 845 35.217 8465 AL079281 Homo sapiens hypothetical protein, similar to (U77968) neuronal PAS domain protein 188 34.021 8466 M19351 Mus musculus immunoglobulin heavy chain binding protein 188 34.021 8467 AF012652 Trypanosoma cruzi Tcrab27 233 68.000 8468 AC005594 Homo sapiens R33729 1, partial CDS 257 29.348 <	8457	U09280		79	34.091
8459 Y14153 Homo sapiens beta-transducin repeats containing protein 3874 99.649 8460 AC006014 Homo sapiens similar to RFP transforming protein; similar to P14373 (PID:g132517) 1142 98.780 8461 AC005099 Homo sapiens match to AI222572 (NID:g3804775) 602 100.000 8462 V00507 Homo sapiens coding sequence of DHFR (1 is 1st base in codon) 1129 92.896 8463 AJ005259 Homo sapiens homologous to Bombyx mori multiprotein bridging factor (EMBL: AB001078) 948 100.000 8464 AL022605 Arabidopsis thaliana putative gammaglutanyltransferase 845 35.217 8465 AL079281 Homo sapiens hypothetical protein, similar to (177968) neuronal PAS domain protein 1 1258 98.000 8466 M19351 Mus musculus immunoglobulin heavy chain binding protein 188 34.021 8467 AF012652 Trypanosoma cruzi Tcrab27 233 68.000 8468 AC005594 Homo sapiens R33729 1, partial CDS 973 96.711 8469 Z81051 Caenorhabditis elegans predicted using Genefinder; similar to Zinc finger, C3HC4 type (RING finger)	8458	AJ224442		1169	
Containing protein	8459	Y14153		3874	
Protein; similar to P14373 (PID:g132517)			containing protein		
8461 AC005099 Homo sapiens match to AI222572 (NID:g3804775) 602 100.000 8462 V00507 Homo sapiens coding sequence of DHFR (1 is 1st base in codon) 1129 92.896 8463 AJ005259 Homo sapiens homologous to Bombyx mori multiprotein bridging factor (EMBL: AB001078) 948 100.000 8464 AL022605 Arabidopsis thaliana putative gamma-glutamyltransferase 845 35.217 8465 AL079281 Homo sapiens hypothetical protein, similar to (U77968) neuronal PAS domain protein 1 1258 98.000 8466 M19351 Mus musculus immunoglobulin heavy chain binding protein 188 34.021 8467 AF012652 Trypanosoma cruzi Tcrab27 233 68.000 8468 AC005594 Homo sapiens R33729 1, partial CDS 973 96.711 8469 Z81051 Caenorhabditis elegans predicted using Genefinder; similar to Zinc finger, C3HC4 type (RING finger); cDNA EST yk443h5.3 comes from this gene; cDNA EST yk443h5.5 comes from this gene; cDNA EST yk633h1.3 comes from this gene 1801 56.263 8470 D86984 Homo sapiens similar to yeast adenylate cyclase (S56776) 1801 77.841	8460	AC006014	Homo sapiens similar to RFP transforming	1142	98.780
Note			protein; similar to P14373 (PID:g132517)		
Base in codon (561 is 3rd base in codon			Homo sapiens match to AI222572 (NID:g3804775)	602	100.000
8463 AJ005259 Homo sapiens homologous to Bombyx mori multiprotein bridging factor (EMBL: AB001078) 948 100.000 8464 AL022605 Arabidopsis thaliana putative gamma-glutamyltransferase 845 35.217 8465 AL079281 Homo sapiens hypothetical protein, similar to (U77968) neuronal PAS domain protein 1 1258 98.000 8466 M19351 Mus musculus immunoglobulin heavy chain binding protein 188 34.021 8467 AF012652 Trypanosoma cruzi Tcrab27 233 68.000 8468 AC005594 Homo sapiens R33729 1, partial CDS 973 96.711 8469 Z81051 Caenorhabditis elegans predicted using Genefinder; similar to Zinc finger, C3HC4 type (RING finger); cDNA EST yk443h5.3 comes from this gene; cDNA EST yk443h5.5 comes from this gene 257 29.348 8470 D86984 Homo sapiens similar to yeast adenylate cyclase (S56776) 1801 56.263 8471 AF109674 Rattus norvegicus late gestation lung protein 1104 77.841	8462	V00507		1129	92.896
multiprotein bridging factor (EMBL: AB001078) 8464 AL022605 Arabidopsis thaliana putative gamma- glutamyltransferase 8465 AL079281 Homo sapiens hypothetical protein, similar to (U77968) neuronal PAS domain protein 1 8466 M19351 Mus musculus immunoglobulin heavy chain binding protein 8467 AF012652 Trypanosoma cruzi Tcrab27 8468 AC005594 Homo sapiens R33729 1, partial CDS 8469 Z81051 Caenorhabditis elegans predicted using Genefinder; similar to Zinc finger, C3HC4 type (RING finger); cDNA EST yk443h5.3 comes from this gene; cDNA EST yk443h5.5 comes from this gene; cDNA EST yk43h1.3 comes from this gene 8470 D86984 Homo sapiens similar to yeast adenylate cyclase (S56776) 8471 AF109674 Rattus norvegicus late gestation lung protein 1104 77.841	8463	A.T005259		948	100 000
8464 AL022605 Arabidopsis thaliana putative gamma-glutamyltransferase 845 35.217 8465 AL079281 Homo sapiens hypothetical protein, similar to (U77968) neuronal PAS domain protein 1 1258 98.000 8466 M19351 Mus musculus immunoglobulin heavy chain binding protein 188 34.021 8467 AF012652 Trypanosoma cruzi Tcrab27 233 68.000 8468 AC005594 Homo sapiens R33729 1, partial CDS 973 96.711 8469 Z81051 Caenorhabditis elegans predicted using Genefinder; similar to Zinc finger, C3HC4 type (RING finger); cDNA EST yk443h5.3 comes from this gene; cDNA EST yk443h5.5 comes from this gene; cDNA EST yk633h1.3 comes from this gene 1801 56.263 8470 D86984 Homo sapiens similar to yeast adenylate cyclase (S56776) 1801 56.263 8471 AF109674 Rattus norvegicus late gestation lung protein lung protein 1104 77.841	0.00	110000223		1 340	100.000
glutamyltransferase 8465 AL079281 Homo sapiens hypothetical protein, similar to (U77968) neuronal PAS domain protein 1 8466 M19351 Mus musculus immunoglobulin heavy chain binding protein 8467 AF012652 Trypanosoma cruzi Tcrab27 233 68.000 8468 AC005594 Homo sapiens R33729 1, partial CDS 973 96.711 8469 Z81051 Caenorhabditis elegans predicted using Genefinder; similar to Zinc finger, C3HC4 type (RING finger); cDNA EST yk443h5.3 comes from this gene; cDNA EST yk443h5.5 comes from this gene; cDNA EST yk633h1.3 comes from this gene 8470 D86984 Homo sapiens similar to yeast adenylate cyclase (S56776) 8471 AF109674 Rattus norvegicus late gestation lung protein 1104 77.841	8464	AT-022605		845	35 217
8465 AL079281 Homo sapiens hypothetical protein, similar to (U77968) neuronal PAS domain protein 1 1258 98.000 8466 M19351 Mus musculus immunoglobulin heavy chain binding protein 188 34.021 8467 AF012652 Trypanosoma cruzi Tcrab27 233 68.000 8468 AC005594 Homo sapiens R33729 1, partial CDS 973 96.711 8469 Z81051 Caenorhabditis elegans predicted using Genefinder; similar to Zinc finger, C3HC4 type (RING finger); cDNA EST yk443h5.3 comes from this gene; cDNA EST yk443h5.5 comes from this gene; cDNA EST yk633h1.3 comes from this gene 1801 56.263 8470 D86984 Homo sapiens similar to yeast adenylate cyclase (S56776) 1801 77.841 8471 AF109674 Rattus norvegicus late gestation lung protein lung protein 1104 77.841				* 1 * 1	
(U77968) neuronal PAS domain protein 1 8466 M19351 Mus musculus immunoglobulin heavy chain binding protein 8467 AF012652 Trypanosoma cruzi Tcrab27 233 68.000 8468 AC005594 Homo sapiens R33729 1, partial CDS 973 96.711 8469 Z81051 Caenorhabditis elegans predicted using Cenefinder; similar to Zinc finger, C3HC4 type (RING finger); cDNA EST yk443h5.3 comes from this gene; cDNA EST yk443h5.5 comes from this gene; cDNA EST yk633h1.3 comes from this gene 8470 D86984 Homo sapiens similar to yeast adenylate cyclase (S56776) 8471 AF109674 Rattus norvegicus late gestation lung protein 1104 77.841	8465	AL079281		1258	98.000
8466 M19351 Mus musculus immunoglobulin heavy chain binding protein 8467 AF012652 Trypanosoma cruzi Tcrab27 233 68.000 8468 AC005594 Homo sapiens R33729 1, partial CDS 973 96.711 8469 Z81051 Caenorhabditis elegans predicted using Genefinder; similar to Zinc finger, C3HC4 type (RING finger); cDNA EST yk443h5.3 comes from this gene; cDNA EST yk443h5.5 comes from this gene; cDNA EST yk443h5.5 comes from this gene; cDNA EST yk633h1.3 comes from this gene 8470 D86984 Homo sapiens similar to yeast adenylate cyclase (S56776) 8471 AF109674 Rattus norvegicus late gestation lung protein 1104 77.841					
binding protein 8467 AF012652 Trypanosoma cruzi Tcrab27 233 68.000 8468 AC005594 Homo sapiens R33729 1, partial CDS 973 96.711 8469 Z81051 Caenorhabditis elegans predicted using Genefinder; similar to Zinc finger, C3HC4 type (RING finger); cDNA EST yk443h5.3 comes from this gene; cDNA EST yk443h5.5 comes from this gene; cDNA EST yk633h1.3 comes from this gene 8470 D86984 Homo sapiens similar to yeast adenylate cyclase (S56776) 8471 AF109674 Rattus norvegicus late gestation lung protein 1104 77.841	8466	M19351		188	34.021
8468 AC005594 Homo sapiens R33729 1, partial CDS 8469 Z81051 Caenorhabditis elegans predicted using Genefinder; similar to Zinc finger, C3HC4 type (RING finger); cDNA EST yk443h5.3 comes from this gene; cDNA EST yk443h5.5 comes from this gene; cDNA EST yk633h1.3 comes from this gene 8470 D86984 Homo sapiens similar to yeast adenylate cyclase (S56776) 8471 AF109674 Rattus norvegicus late gestation lung protein 1					
8469 Z81051 Caenorhabditis elegans predicted using Genefinder; similar to Zinc finger, C3HC4 type (RING finger); cDNA EST yk443h5.3 comes from this gene; cDNA EST yk443h5.5 comes from this gene; cDNA EST yk633h1.3 comes from this gene 8470 D86984 Homo sapiens similar to yeast adenylate cyclase (S56776) 8471 AF109674 Rattus norvegicus late gestation lung protein 1	8467	AF012652	Trypanosoma cruzi Tcrab27	233	68.000
8469 Z81051 Caenorhabditis elegans predicted using Genefinder; similar to Zinc finger, C3HC4 type (RING finger); cDNA EST yk443h5.3 comes from this gene; cDNA EST yk443h5.5 comes from this gene; cDNA EST yk633h1.3 comes from this gene 8470 D86984 Homo sapiens similar to yeast adenylate cyclase (S56776) 8471 AF109674 Rattus norvegicus late gestation lung protein 1		AC005594	Homo sapiens R33729 1, partial CDS	1	
(RING finger); cDNA EST yk443h5.3 comes from this gene; cDNA EST yk443h5.5 comes from this gene; cDNA EST yk633h1.3 comes from this gene 8470 D86984 Homo sapiens similar to yeast adenylate cyclase (S56776) 8471 AF109674 Rattus norvegicus late gestation lung protein 1104 77.841	8469	Z81051	Caenorhabditis elegans predicted using	257	29.348
this gene; cDNA EST yk443h5.5 comes from this gene; cDNA EST yk633h1.3 comes from this gene 8470 D86984 Homo sapiens similar to yeast adenylate cyclase (S56776) 8471 AF109674 Rattus norvegicus late gestation lung protein 1 104 77.841					
gene; cDNA EST yk633h1.3 comes from this gene 8470 D86984 Homo sapiens similar to yeast adenylate cyclase (S56776) 8471 AF109674 Rattus norvegicus late gestation lung protein 1 104 77.841					
8470 D86984 Homo sapiens similar to yeast adenylate cyclase (S56776) 8471 AF109674 Rattus norvegicus late gestation lung protein 1104 77.841					
cyclase (S56776) 8471 AF109674 Rattus norvegicus late gestation lung protein 1104 77.841			gene; cDNA EST yk633h1.3 comes from this gene		
8471 AF109674 Rattus norvegicus late gestation lung protein 1104 77.841	8470	D86984	Homo sapiens similar to yeast adenylate	1801	56.263
	0.5			<u> </u>	
	8471	AF109674	· · · · · · · · · · · · · · · · · · ·	1104	77.841
	8472	AE000909	Methanobacterium thermoautotrophicum	464	30.032

Set National Protein Set National Protein Set National Set National		Τ	coming/throughing protein bings walstad	1	
8473 M80783 Bome sapiens B12 protein 672 68.750 8474 ALIT511 Bome sapiens RAB-36 959 73.404 8476 X53744 Camis familiaris 68k0A subunit of signal recognition particle recognition particle 73.404 Camis familiaris 68k0A subunit of signal recognition particle 74.50 75.404 Camis familiaris 68k0A subunit of signal recognition particle 74.50 75.404 Camis familiaris 68k0A subunit of signal recognition particle 75.50 75.404 Camis familiaris 68k0A subunit of signal recognition particle 75.50 75.404 Camis familiaris 68k0A subunit of signal recognition particle 75.50 75.404 Camis familiaris 68k0A subunit of signal recognition particle 75.50 75.404 Camis familiaris 68k0A subunit of signal recognition 75.50 75.404 Camis familiaris 68k0A subunit of signal recognition 75.50			serine/threonine protein kinase related		
8474 AL117511 Home sapiens hypothetical protein 654 100.000 8475 AB027137 Home sapiens RAB-26 959 73.404 8476 X53744 Canis familiaris 68kDA subunit of signal recognition particle 3855 97.049 8478 AL021728 Home sapiens aldehyde dehydrogenase 3452 99.807 8478 AL021728 Unknown /predictions (method: "genefinder"", version: "084"); version: "084", version: 084"	8473	M80783	1 %	672	68 750
8475 AB027137 Homo sapiens RAB-26 959 73.404 8476 X53744 Canis familiaris 68kDA subunit of signal recognition particle 3855 97.049 8478 AL021728 Homo sapiens aldehyde dehydrogenase 3452 99.807 8478 AL021728 Unknown / prediction=(method:"genefinder"", version:""084""); version:""GH08386.5prime GH Dr 743 27.794 8479 AF058954 Homo sapiens GTF-specific succinyl-CoA synthetase beta subunit 2569 99.505 8480 AL080168 Homo sapiens hypothetical protein 2238 100.000 8481 AJ001309 Homo sapiens DnJ protein 2814 100.000 8482 Z81069 Caenorhabditis elegans cDNA EST yK552d5.3 216 39.394 comes from this gene comes from this gene 2379 100.000 8484 AB021537 Homo sapiens dTDF-D-glucose 4,6-dehydratase 2379 100.000 8485 AB132270 Homo sapiens protein 1435 100.000 8486 Z81592 Caenorhabditis elegans predicted using Genefinder 546 55.782 <td></td> <td></td> <td></td> <td>I</td> <td></td>				I	
Section					
recognition particle		1			
8478					
AL021728	8477	M20456	Homo sapiens aldehyde dehydrogenase	3452	99.807
Marche (desc: ""GB03386.5prime GH Dr 2569 99.505 8479 AF058954 Homo sapiens GTP-specific succinyl-CoA 2569 99.505 8481 AJ001309 Homo sapiens hypothetical protein 2238 100.000 3481 AJ001309 Homo sapiens bypothetical protein 2238 100.000 3482 281069 Caenorhabditis elegans cDNA EST yk552d5.3 216 39.394 281069 Caenorhabditis elegans cDNA EST yk552d5.3 216 39.394 281069 Caenorhabditis elegans cDNA EST yk552d5.3 216 39.394 281069 Caenorhabditis elegans cDNA EST yk552d5.3 216 39.394 281484 AB021537 Homo sapiens immunoglobulin heavy chain 663 79.675 4845 AJ132270 Homo sapiens immunoglobulin heavy chain 663 79.675 4845 AJ132270 Homo sapiens p24B protein 1435 100.000 281592 Caenorhabditis elegans predicted using 546 55.782 68161der 68164 68	8478	AL021728	Unknown /prediction=(method:""genefinder"",	743	27.794
8479 AF058954 Homo sapiens GTP-specific succinyl-CoA 2569 99.505 8480 AL080168 Homo sapiens hypothetical protein 2238 100.000 8481 AJ003039 Homo sapiens DnaJ protein 2834 100.000 8482 Z81069 Caenorhabditis elegans cDNA EST yk552d5.3 216 39.394 8483 AJ006068 Homo sapiens dTDP-D-glucose 4,6-dehydratase 2379 100.000 8485 AJ132270 Homo sapiens immunoglobulin heavy chain 663 79.675 8485 AJ132270 Homo sapiens perdicted using 546 55.782 8487 AL117204 Caenorhabditis elegans predicted using 605 37.276 8488 AC004449 Homo sapiens R33683 715 100.000 8489 AF061817 Rattus norvegicus DNA-binding protein PREB 2520 89.688 8490 AF117615 Homo sapiens heme-binding protein 1276 99.771 8491 S94541 Homo sapiens S1AA0669 protein 379 97.59 8492 Z71181					
8480 AL080168 Homo sapiens hypothetical protein 2238 100.000 8481 AJ001309 Homo sapiens DnaJ protein 2834 100.000 8482 Z81069 Caenorhabditis elegans cDNA EST yk552d5.3 216 39.394 8483 AJ006068 Homo sapiens dTDP-D-glucose 4,6-dehydratase 2379 100.000 8484 AB021537 Homo sapiens immunoglobulin heavy chain 663 79.675 8485 AJ132270 Homo sapiens p248 protein 1435 100.000 8486 Z81592 Caenorhabditis elegans predicted using Genefinder 546 55.782 8487 AL117204 Caenorhabditis elegans predicted using Genefinder 605 37.276 8488 AC004449 Homo sapiens R33683 715 100.000 8489 AF117615 Homo sapiens heme-binding protein PREB 2520 89.688 8490 AF117615 Homo sapiens clone 4-3 359 97.559 8491 S94541 Homo sapiens Similar to hydrolase 784 36.391 8493 AB014589					
8480 AL080168 Homo sapiens hypothetical protein 2238 100.000 8481 AJ001309 Homo sapiens DnaJ protein 2834 100.000 8482 Z81069 Caenorhabditis elegans cDNA EST yk552d5.3 216 39.394 8483 AJ006068 Homo sapiens immunoglobulin heavy chain 663 79.675 8484 AB021537 Homo sapiens immunoglobulin heavy chain 663 79.675 8485 AJ132270 Homo sapiens p248 protein 1435 100.000 8486 Z81592 Caenorhabditis elegans predicted using 605 55.782 8487 AL117204 Caenorhabditis elegans predicted using 605 37.276 8488 AC004449 Homo sapiens R33683 715 100.000 8489 AF061817 Rattus norvegicus DNA-binding protein PREB 2520 89.688 8490 AF117615 Homo sapiens RM-binding protein 1276 99.471 8491 S9451 Homo sapiens Bhabe-binding protein 1276 99.479 8492 Z71181 Caenorhabd	8479	AF058954		2569	99.505
8481 AJ001309 Homo sapiens DnaJ protein 2834 100.000 8482 Z81069 Caenorhabditis elegans cDNA EST yk552d5.3 216 39.394 8483 AJ000606 Homo sapiens dTDP-D-glucose 4,6-dehydratase 2379 100.000 8484 AB021537 Homo sapiens immunoglobulin heavy chain 663 79.675 8485 AJ132270 Homo sapiens p24B protein 1435 100.000 8486 Z81592 Caenorhabditis elegans predicted using Genefinder 665 57.726 8487 AL117204 Caenorhabditis elegans predicted using Genefinder 605 37.276 8488 AC004449 Homo sapiens R33683 715 100.000 8489 AF061817 Rattus norvegicus DNA-binding protein PREB 2520 89.688 8490 AF117615 Homo sapiens clone 4-3 359 97.959 8492 Z71181 Caenorhabditis elegans similar to hydrolase 784 36.391 8493 AB014589 Homo sapiens KIAA0689 protein 3783 300.000 8494 Z8105				<u></u>	
Ref Ref					
Comes from this gene					
8483 AJ006068 Homo sapiens dTDP-D-glucose 4,6-dehydratase 2379 100.000 8484 AB021537 Homo sapiens immunoglobulin heavy chain variable region (IgM) 663 79.675 8485 AJ132270 Homo sapiens p24B protein 1335 100.000 8487 AE1592 Caenorhabditis elegans predicted using Genefinder 55.782 8488 AC004449 Homo sapiens R33683 715 100.000 8489 AF061817 Rattus norvegicus DNA-binding protein PREB 2520 89.688 8490 AF117615 Homo sapiens heme-binding protein 1276 99.471 8491 S94541 Homo sapiens clone 4-3 359 97.959 8492 Z71181 Caenorhabditis elegans similar to hydrolase 784 36.991 8494 Z81105 Caenorhabditis elegans similar to alpha/beta hydrolase fold; cDNA EST EMBL:T02320 comes from this gene 4743 99.713 8495 AJ242832 Homo sapiens Calpain 4743 99.713 8496 S94421 Homo sapiens bypothetical protein 1218 99.448	8482	281069		216	39.394
AB021537	0103	7 1006069		2370	100 000
8485 AJJ32270 Homo sapiens p24B protein 1435 100.000 8486 Z81592 Caenorhabditis elegans predicted using Genefinder 546 55.782 8487 AL17204 Caenorhabditis elegans predicted using Genefinder 605 37.276 8488 AC004449 Homo sapiens R33683 3 715 100.000 8489 AF61817 Rattus norvegicus DNA-binding protein PREB 2520 89.688 8490 AF117615 Homo sapiens bene-binding protein 1276 99.471 8491 S94541 Homo sapiens clone 4-3 359 97.959 8493 AB014589 Homo sapiens Similar to hydrolase 784 36.391 8494 Z81105 Caenorhabditis elegans similar to alpha/beta hydrolase fold; cDNA EST EMBL:T02320 comes from this gene 4743 99.713 8495 AJ242832 Homo sapiens calpain 4743 99.713 8496 S94421 Homo sapiens hypothetical protein 1218 99.448 8497 AL050214 Homo sapiens by Home sapiens duhanow 2845 100.000 <t< td=""><td>0404</td><td>ABOZIJJI</td><td></td><td>003</td><td>19.075</td></t<>	0404	ABOZIJJI		003	19.075
8486 Z81592 Caenorhabditis elegans predicted using Genefinder 546 55.782 8487 AL117204 Caenorhabditis elegans predicted using Genefinder 605 37.276 8488 AC004449 Homo sapiens R33683 3 715 100.000 8489 AF061817 Rattus norvegicus DNA-binding protein PREB 2520 89.688 8490 AF117615 Homo sapiens heme-binding protein 1276 99.471 8491 S94541 Homo sapiens clone 4-3 359 97.959 8492 Z71181 Caenorhabditis elegans similar to hydrolase 784 36.391 8493 AB014589 Homo sapiens KIAA0689 protein 3783 100.000 8494 Z81105 Caenorhabditis elegans similar to alpha/beta hydrolase fold; cDNA EST EMBL:T02320 comes from this gene 4743 99.713 8495 AJ242832 Homo sapiens T cell receptor eta-exon 641 100.000 8497 AL050214 Homo sapiens hypothetical protein 1218 99.448 8498 AF117272 Octopus dofleini O-crystallin 319 31.176 <	8485	AJ132270		1435	100,000
Genefinder			Caenorhabditis elegans predicted using		
Genefinder					
8488 AC004449 Homo sapiens R33683 3 715 100.000 8489 AF061817 Rattus norvegicus DNA-binding protein PREB 2520 89.688 8490 AF117615 Homo sapiens heme-binding protein 1276 99.471 8491 S94541 Homo sapiens clone 4-3 359 97.959 8492 Z71181 Caenorhabditis elegans similar to hydrolase 784 36.391 8493 AB014589 Homo sapiens KIAA0689 protein 3783 100.000 8494 Z81105 Caenorhabditis elegans similar to alpha/beta hydrolase fold; cDNA EST EMBL:T02320 comes from this gene 588 37.681 8495 AJ242832 Homo sapiens calpain 4743 99.713 8496 S94421 Homo sapiens T cell receptor eta-exon 641 100.000 8497 AL050214 Homo sapiens hypothetical protein 1218 99.448 8498 AF135016 Homo sapiens unknown 2845 100.000 8499 AF117272 Octopus dofleini O-crystallin 319 31.176 8500 AE089106	8487	AL117204	Caenorhabditis elegans predicted using	605	37.276
8489 AF061817 Rattus norvegicus DNA-binding protein PREB 2520 89.688 8490 AF117615 Homo sapiens heme-binding protein 1276 99.471 8491 S94541 Homo sapiens clone 4-3 359 97.959 8492 Z71181 Caenorhabditis elegans similar to hydrolase 784 36.391 8493 AB014589 Homo sapiens KIAA0689 protein 3783 100.000 8494 Z81105 Caenorhabditis elegans similar to alpha/beta hydrolase fold; cDNA EST EMBL:T02320 comes from this gene 37.681 8495 AJ242832 Homo sapiens calpain 4743 99.713 8496 S94421 Homo sapiens T cell receptor eta-exon 641 100.000 8497 AL050214 Homo sapiens hypothetical protein 1218 99.448 8498 AF135016 Homo sapiens protein phosphatase 2A 48 kDa regulatory subunit 319 31.176 8500 AF089106 Homo sapiens unknown 919 100.000 8501 Ud4968 Cricetulus griseus nucleotide excision repair protein 1517 100.000					
8490 AF117615 Homo sapiens heme-binding protein 1276 99.471 8491 S94541 Homo sapiens clone 4-3 359 97.959 8492 Z71181 Caenorhabditis elegans similar to hydrolase 784 36.391 8493 AB014589 Homo sapiens KIAA0689 protein 3783 100.000 8494 Z81105 Caenorhabditis elegans similar to alpha/beta hydrolase fold; cDNA EST EMBL:T02320 comes from this gene 588 37.681 8495 AJ242832 Homo sapiens calpain 4743 99.713 8496 S94421 Homo sapiens T cell receptor eta-exon 641 100.000 8497 AL050214 Homo sapiens hypothetical protein 1218 99.448 8498 AF135016 Homo sapiens protein phosphatase 2A 48 kDa regulatory subunit 2845 100.000 8499 AF117272 Octopus dofleini O-crystallin 319 31.176 8500 AF089106 Homo sapiens unknown 919 100.000 8501 U04968 Cricetulus griseus nucleotide excision repair protein 4897 97.628					
8491 S94541 Homo sapiens clone 4-3 359 97.959 8492 Z71181 Caenorhabditis elegans similar to hydrolase 784 36.391 8493 AB014589 Homo sapiens KIAA0689 protein 3783 100.000 8494 Z81105 Caenorhabditis elegans similar to alpha/beta hydrolase fold; cDNA EST EMBL:T02320 comes from this gene 588 37.681 8495 AJ242832 Homo sapiens calpain 4743 99.713 8496 S94421 Homo sapiens T cell receptor eta-exon 641 100.000 8497 AL050214 Homo sapiens hypothetical protein 1218 99.448 8498 AF135016 Homo sapiens protein phosphatase 2A 48 kDa regulatory subunit 2845 100.000 8499 AF117272 Octopus dofleini O-crystallin 319 31.176 8500 AF089106 Homo sapiens unknown 919 100.000 8501 U04968 Cricetulus griseus nucleotide excision repair protein 4897 97.628 8502 AL050131 Homo sapiens hypothetical protein 1517 100.000				1	
8492 Z71181 Caenorhabditis elegans similar to hydrolase 784 36.391 8493 AB014589 Homo sapiens KIAA0689 protein 3783 100.000 8494 Z81105 Caenorhabditis elegans similar to alpha/beta hydrolase fold; cDNA EST EMBL:T02320 comes from this gene 588 37.681 8495 AJ242832 Homo sapiens Calpain 4743 99.713 8496 S94421 Homo sapiens T cell receptor eta-exon 641 100.000 8497 AL050214 Homo sapiens hypothetical protein 1218 99.448 8498 AF135016 Homo sapiens protein phosphatase 2A 48 kDa regulatory subunit 2845 100.000 8500 AF089106 Homo sapiens unknown 919 100.000 8501 U04968 Cricetulus griseus nucleotide excision repair protein 4897 97.628 8502 AL050131 Homo sapiens hypothetical protein 1517 100.000 8503 AL031266 Caenorhabditis elegans VM106R.1 198 33.333 8504 AF019661 Mus musculus zeta proteasome chain; PSM5 1538				1	
8493 AB014589 Homo sapiens KIAA0689 protein 3783 100.000 8494 Z81105 Caenorhabditis elegans similar to alpha/beta hydrolase fold; cDNA EST EMBL:T02320 comes from this gene 588 37.681 8495 AJZ42832 Homo sapiens calpain 4743 99.713 8496 S94421 Homo sapiens T cell receptor eta-exon 641 100.000 8497 AL050214 Homo sapiens protein phosphatase 2A 48 kDa regulatory subunit 2845 100.000 8499 AF117272 Octopus dofieini O-crystallin 319 31.176 8500 AF089106 Homo sapiens unknown 919 100.000 8501 U04968 Cricetulus griseus nucleotide excision repair protein 4897 97.628 8502 AL050131 Homo sapiens hypothetical protein 1517 100.000 8503 AF019661 Mus musculus zeta proteasome chain; PSMA5 1538 100.000 8505 AB020316 Homo sapiens dermatan/chondroitin sulfate 2-sulfotransferase 2845 100.000 8506 A40202 unidentified unnamed protein product					
8494 Z81105 Caenorhabditis elegans similar to alpha/beta hydrolase fold; cDNA EST EMBL:T02320 comes from this gene 588 37.681 8495 AJ242832 Homo sapiens calpain 4743 99.713 8496 S94421 Homo sapiens T cell receptor eta-exon 641 100.000 8497 AL050214 Homo sapiens hypothetical protein 1218 99.448 8498 AF135016 Homo sapiens protein phosphatase 2A 48 kDa regulatory subunit 2845 100.000 8499 AF117272 Octopus dofleini O-crystallin 319 31.176 8500 AF089106 Homo sapiens unknown 919 100.000 8501 U04968 Cricetulus griseus nucleotide excision repair protein 4897 97.628 8502 AL050131 Homo sapiens hypothetical protein 1517 100.000 8503 AL031266 Caenorhabditis elegans VM106R.1 198 33.333 8504 AF019661 Mus musculus zeta proteasome chain; PSMA5 1538 100.000 8505 AB020316 Homo sapiens dermatan/chondroitin sulfate 2-sulfotransferase 28				.1	
hydrolase fold; cDNA EST EMBL:T02320 comes from this gene					
8495 AJ242832 Homo sapiens calpain 4743 99.713 8496 S94421 Homo sapiens T cell receptor eta-exon 641 100.000 8497 AL050214 Homo sapiens hypothetical protein 1218 99.448 8498 AF135016 Homo sapiens protein phosphatase 2A 48 kDa 2845 100.000 8499 AF117272 Octopus dofleini O-crystallin 319 31.176 8500 AF089106 Homo sapiens unknown 919 100.000 8501 U04968 Cricetulus griseus nucleotide excision repair protein 4897 97.628 8502 AL050131 Homo sapiens hypothetical protein 1517 100.000 8503 AL031266 Caenorhabditis elegans VM106R.1 198 33.333 8504 AF019661 Mus musculus zeta proteasome chain; PSMA5 1538 100.000 8505 AB020316 Homo sapiens dermatan/chondroitin sulfate 2- sulfotransferase 2845 100.000 8506 A40202 unidentified unnamed protein product 619 100.000 8507 <	8494	281105		588	37.681
8495 AJ242832 Homo sapiens calpain 4743 99.713 8496 S94421 Homo sapiens T cell receptor eta-exon 641 100.000 8497 AL050214 Homo sapiens hypothetical protein 1218 99.448 8498 AF135016 Homo sapiens protein phosphatase 2A 48 kDa regulatory subunit 2845 100.000 8499 AF117272 Octopus dofleini O-crystallin 319 31.176 8500 AF089106 Homo sapiens unknown 919 100.000 8501 U04968 Cricetulus griseus nucleotide excision repair protein 4897 97.628 8502 AL050131 Homo sapiens hypothetical protein 1517 100.000 8503 AL031266 Caenorhabditis elegans VM106R.1 198 33.333 8504 AF019661 Mus musculus zeta proteasome chain; PSMA5 1538 100.000 8505 AB020316 Homo sapiens dermatan/chondroitin sulfate 2-sulfotransferase 2845 100.000 8506 A40202 unidentified unnamed protein product 619 100.000 8					
8496 S94421 Homo sapiens T cell receptor eta-exon 641 100.000 8497 AL050214 Homo sapiens hypothetical protein 1218 99.448 8498 AF135016 Homo sapiens protein phosphatase 2A 48 kDa regulatory subunit 2845 100.000 8499 AF117272 Octopus dofleini O-crystallin 319 31.176 8500 AF089106 Homo sapiens unknown 919 100.000 8501 U04968 Cricetulus griseus nucleotide excision repair protein 4897 97.628 8502 AL050131 Homo sapiens hypothetical protein 1517 100.000 8503 AL031266 Caenorhabditis elegans VM106R.1 198 33.333 8504 AF019661 Mus musculus zeta proteasome chain; PSMA5 1538 100.000 8505 AB020316 Homo sapiens dermatan/chondroitin sulfate 2- sulfotransferase 2845 100.000 8506 A40202 unidentified unnamed protein product 619 100.000 8507 AL035593 Homo sapiens bK286B10.1 288 61.176 <t< td=""><td>8495</td><td>A.T242832</td><td></td><td>4743</td><td>99 713</td></t<>	8495	A.T242832		4743	99 713
8497 AL050214 Homo sapiens hypothetical protein 1218 99.448 8498 AF135016 Homo sapiens protein phosphatase 2A 48 kDa regulatory subunit 2845 100.000 8499 AF117272 Octopus dofleini O-crystallin 319 31.176 8500 AF089106 Homo sapiens unknown 919 100.000 8501 U04968 Cricetulus griseus nucleotide excision repair protein 4897 97.628 8502 AL050131 Homo sapiens hypothetical protein 1517 100.000 8503 AL031266 Caenorhabditis elegans VM106R.1 198 33.333 8504 AF019661 Mus musculus zeta proteasome chain; PSMA5 1538 100.000 8505 AB020316 Homo sapiens dermatan/chondroitin sulfate 2-sulfotransferase 2845 100.000 8506 A40202 unidentified unnamed protein product 619 100.000 8507 AL035593 Homo sapiens bK286B10.1 288 61.176 8508 Z82244 Homo sapiens bK150C2.3 (PUTATIVE novel protein B mRNA editing protein) and Phorbolin) 1457					
8498 AF135016 Homo sapiens protein phosphatase 2A 48 kDa regulatory subunit 2845 100.000 8499 AF117272 Octopus dofleini O-crystallin 319 31.176 8500 AF089106 Homo sapiens unknown 919 100.000 8501 U04968 Cricetulus griseus nucleotide excision repair protein 4897 97.628 8502 AL050131 Homo sapiens hypothetical protein 1517 100.000 8503 AL031266 Caenorhabditis elegans VM106R.1 198 33.333 8504 AF019661 Mus musculus zeta proteasome chain; PSMA5 1538 100.000 8505 AB020316 Homo sapiens dermatan/chondroitin sulfate 2-sulfotransferase 2845 100.000 8506 A40202 unidentified unnamed protein product 619 100.000 8508 Z82244 Homo sapiens bK286B10.1 288 61.176 8509 AL022318 Homo sapiens bK150C2.3 (PUTATIVE novel protein similar to APOBEC1 (Apolipoprotein B mRNA editing protein) and Phorbolin) 1457 100.000 8510 AF132794 Homo sapiens FVT1 gene is disru					
regulatory subunit	8498				
8500 AF089106 Homo sapiens unknown 919 100.000 8501 U04968 Cricetulus griseus nucleotide excision repair protein 4897 97.628 8502 AL050131 Homo sapiens hypothetical protein 1517 100.000 8503 AL031266 Caenorhabditis elegans VM106R.1 198 33.333 8504 AF019661 Mus musculus zeta proteasome chain; PSMA5 1538 100.000 8505 AB020316 Homo sapiens dermatan/chondroitin sulfate 2-sulfotransferase 2845 100.000 8506 A40202 unidentified unnamed protein product 619 100.000 8507 AL035593 Homo sapiens dJ310J6.1 (novel protein) 1040 98.675 8508 Z82244 Homo sapiens bK286B10.1 288 61.176 8509 AL022318 Homo sapiens bK150C2.3 (PUTATIVE novel protein similar to APOBEC1 (Apolipoprotein B mRNA editing protein) and Phorbolin) 1457 100.000 8510 AF132794 Homo sapiens anaphase promoting complex subunit 10 1258 99.459 8511 X63657 Homo sapiens FVT1 gene is disrupted					
8501 U04968 Cricetulus griseus nucleotide excision repair protein 4897 97.628 8502 AL050131 Homo sapiens hypothetical protein 1517 100.000 8503 AL031266 Caenorhabditis elegans VM106R.1 198 33.333 8504 AF019661 Mus musculus zeta proteasome chain; PSMA5 1538 100.000 8505 AB020316 Homo sapiens dermatan/chondroitin sulfate 2-sulfotransferase 2845 100.000 8506 A40202 unidentified unnamed protein product 619 100.000 8507 AL035593 Homo sapiens dJ310J6.1 (novel protein) 1040 98.675 8508 Z82244 Homo sapiens bK286B10.1 288 61.176 8509 AL022318 Homo sapiens bK150C2.3 (PUTATIVE novel protein similar to APOBEC1 (Apolipoprotein B mRNA editing protein) and Phorbolin) 1457 100.000 8510 AF132794 Homo sapiens anaphase promoting complex subunit 10 1258 99.459 8511 X63657 Homo sapiens FVT1 gene is disrupted in a t(2;18) chromosomal translocation involving Ig 2116 100.000				319	
Protein	8500	AF089106	Homo sapiens unknown	919	100.000
8502 AL050131 Homo sapiens hypothetical protein 1517 100.000 8503 AL031266 Caenorhabditis elegans VM106R.1 198 33.333 8504 AF019661 Mus musculus zeta proteasome chain; PSMA5 1538 100.000 8505 AB020316 Homo sapiens dermatan/chondroitin sulfate 2-sulfotransferase 2845 100.000 8506 A40202 unidentified unnamed protein product 619 100.000 8507 AL035593 Homo sapiens dJ310J6.1 (novel protein) 1040 98.675 8508 Z82244 Homo sapiens bK286B10.1 288 61.176 8509 AL022318 Homo sapiens bK150C2.3 (PUTATIVE novel protein similar to APOBEC1 (Apolipoprotein B mRNA editing protein) and Phorbolin) 1457 100.000 8510 AF132794 Homo sapiens anaphase promoting complex subunit 10 1258 99.459 8511 X63657 Homo sapiens FVT1 gene is disrupted in a t(2;18) chromosomal translocation involving Ig 2116 100.000	8501	U04968	Cricetulus griseus nucleotide excision repair	4897	97.628
8503 AL031266 Caenorhabditis elegans VM106R.1 198 33.333 8504 AF019661 Mus musculus zeta proteasome chain; PSMA5 1538 100.000 8505 AB020316 Homo sapiens dermatan/chondroitin sulfate 2-sulfotransferase 2845 100.000 8506 A40202 unidentified unnamed protein product 619 100.000 8507 AL035593 Homo sapiens dJ310J6.1 (novel protein) 1040 98.675 8508 Z82244 Homo sapiens bK286B10.1 288 61.176 8509 AL022318 Homo sapiens bK150C2.3 (PUTATIVE novel protein similar to APOBEC1 (Apolipoprotein B mRNA editing protein) and Phorbolin) 1457 100.000 8510 AF132794 Homo sapiens anaphase promoting complex subunit 10 1258 99.459 8511 X63657 Homo sapiens FVT1 gene is disrupted in a t(2;18) chromosomal translocation involving Ig 2116 100.000			1 4		
8504 AF019661 Mus musculus zeta proteasome chain; PSMA5 1538 100.000 8505 AB020316 Homo sapiens dermatan/chondroitin sulfate 2-sulfotransferase 2845 100.000 8506 A40202 unidentified unnamed protein product 619 100.000 8507 AL035593 Homo sapiens dJ310J6.1 (novel protein) 1040 98.675 8508 Z82244 Homo sapiens bK286B10.1 288 61.176 8509 AL022318 Homo sapiens bK150C2.3 (PUTATIVE novel protein similar to APOBEC1 (Apolipoprotein B mRNA editing protein) and Phorbolin) 1457 100.000 8510 AF132794 Homo sapiens anaphase promoting complex subunit 10 1258 99.459 8511 X63657 Homo sapiens FVT1 gene is disrupted in a t(2;18) chromosomal translocation involving Ig 2116 100.000					
8505 AB020316 Homo sapiens dermatan/chondroitin sulfate 2-sulfotransferase 2845 100.000 8506 A40202 unidentified unnamed protein product 619 100.000 8507 AL035593 Homo sapiens dJ310J6.1 (novel protein) 1040 98.675 8508 Z82244 Homo sapiens bK286B10.1 288 61.176 8509 AL022318 Homo sapiens bK150C2.3 (PUTATIVE novel protein similar to APOBEC1 (Apolipoprotein B mRNA editing protein) and Phorbolin) 1457 100.000 8510 AF132794 Homo sapiens anaphase promoting complex subunit 10 1258 99.459 8511 X63657 Homo sapiens FVT1 gene is disrupted in a t(2;18) chromosomal translocation involving Ig 2116 100.000					
Sulfotransferase 8506 A40202 Unidentified Unnamed protein product 619 100.000 8507 AL035593 Homo sapiens dJ310J6.1 (novel protein) 1040 98.675 8508 Z82244 Homo sapiens bK286B10.1 288 61.176 8509 AL022318 Homo sapiens bK150C2.3 (PUTATIVE novel protein similar to APOBEC1 (Apolipoprotein B mRNA editing protein) and Phorbolin) 8510 AF132794 Homo sapiens anaphase promoting complex subunit 10 1258 99.459 99.459 1258 1258 100.000 1					
8506 A40202 unidentified unnamed protein product 619 100.000 8507 AL035593 Homo sapiens dJ310J6.1 (novel protein) 1040 98.675 8508 Z82244 Homo sapiens bK286B10.1 288 61.176 8509 AL022318 Homo sapiens bK150C2.3 (PUTATIVE novel protein similar to APOBEC1 (Apolipoprotein B mRNA editing protein) and Phorbolin) 1457 100.000 8510 AF132794 Homo sapiens anaphase promoting complex subunit 10 1258 99.459 8511 X63657 Homo sapiens FVT1 gene is disrupted in a t(2;18) chromosomal translocation involving Ig 2116 100.000	8505	AB020316		2845	100.000
8507 AL035593 Homo sapiens dJ310J6.1 (novel protein) 1040 98.675 8508 Z82244 Homo sapiens bK286B10.1 288 61.176 8509 AL022318 Homo sapiens bK150C2.3 (PUTATIVE novel protein similar to APOBEC1 (Apolipoprotein B mRNA editing protein) and Phorbolin) 1457 100.000 8510 AF132794 Homo sapiens anaphase promoting complex subunit 10 1258 99.459 8511 X63657 Homo sapiens FVT1 gene is disrupted in a t(2;18) chromosomal translocation involving Ig 2116 100.000	9506	740202		610	100 000
8508 Z82244 Homo sapiens bK286B10.1 288 61.176 8509 AL022318 Homo sapiens bK150C2.3 (PUTATIVE novel protein similar to APOBEC1 (Apolipoprotein B mRNA editing protein) and Phorbolin) 8510 AF132794 Homo sapiens anaphase promoting complex subunit 10 8511 X63657 Homo sapiens FVT1 gene is disrupted in a t(2;18) chromosomal translocation involving Ig					
8509 AL022318 Homo sapiens bK150C2.3 (PUTATIVE novel protein similar to APOBEC1 (Apolipoprotein B mRNA editing protein) and Phorbolin) 8510 AF132794 Homo sapiens anaphase promoting complex subunit 10 8511 X63657 Homo sapiens FVT1 gene is disrupted in a t(2;18) chromosomal translocation involving Ig				1	
similar to APOBEC1 (Apolipoprotein B mRNA editing protein) and Phorbolin) 8510 AF132794 Homo sapiens anaphase promoting complex subunit 10 8511 X63657 Homo sapiens FVT1 gene is disrupted in a t(2;18) chromosomal translocation involving Ig					
editing protein) and Phorbolin) 8510 AF132794 Homo sapiens anaphase promoting complex subunit 10 8511 X63657 Homo sapiens FVT1 gene is disrupted in a t(2;18) chromosomal translocation involving Ig	0305	ALOZZOIO		1437	100.000
8510 AF132794 Homo sapiens anaphase promoting complex subunit 10 8511 X63657 Homo sapiens FVT1 gene is disrupted in a t(2;18) chromosomal translocation involving Ig					
subunit 10 8511 X63657 Homo sapiens FVT1 gene is disrupted in a t(2;18) chromosomal translocation involving Ig	8510	AF132794		1258	99.459
t(2;18) chromosomal translocation involving Ig					
	8511	X63657		2116	100.000
kappa gene in a follicular lymphoma		1			
			kappa gene in a follicular lymphoma	L	<u> </u>

8512	Y14780	Homo sapiens lymphocyte function associated antigen-3, TM-linked precursor	1685	100.000
0513	701020	Consulation of the control of the co	359	34 560
8513	Z81038	Caenorhabditis elegans predicted using	359	34.562
i		Genefinder; cDNA EST yk488a2.5 comes from this		
0514	7.070504	gene	F 4.6	20 012
8514	AF070594	Homo sapiens HNK-1 sulfotransferase	546	32.013
8515	AF060883	Mus musculus endomucin	639	48.302
8516	U05784	Rattus norvegicus light chain 3 subunit of	669	82.500
		microtubule-associated proteins 1A and 1B		
8517	X56351	Homo sapiens delta- aminolevulinate synthase	4284	100.000
		(housekeeping)		
8518	AF151889	Homo sapiens CGI-131 protein	1018	100.000
8519	D50617	Saccharomyces cerevisiae YFL046W	225	24.865
8520	AF171055	Homo sapiens thioredoxin reductase TR2	3716	99.288
8521	AF123880	multiple sclerosis associated retrovirus	323	82.456
		element unknown protein U5/2		
8522	AL110151	Homo sapiens hypothetical protein	589	38.261
8523	AC007193	Homo sapiens PPP5 HUMAN	3358	99.800
8524	Y17282	Homo sapiens cytokeratin type II	3498	99.819
8525	X66901	Mus musculus En-2/lacZ fusion protein	117	49.123
8526	U41012	Caenorhabditis elegans C06A6.3 gene product	212	24.242
8527	X76029	Homo sapiens neuromedin U	1183	99.425
8528	X94991		4124	99.825
		Homo sapiens zyxin		
8529	U30521	Homo sapiens P311 HUM	326	92.157
8530	AB020967	Rattus sp. kinase	1708	72.905
8531	D87457	Homo sapiens KIAA0281	1336	79.098
8532	Z97207	Mus musculus B-IND1 protein	1212	94.737
8533	AJ001019	Homo sapiens ring finger protein	1675	99.593
8534	D42073	Homo sapiens reticulocalbin	1198	58.446
8535	X80035	Oryctolagus cuniculus cysteine rich hair	805	65.385
		keratin associated protein		
8536	X73462	Ovis aries hair keratin cysteine rich protein	796	70.229
8537	Z99129	Homo sapiens dJ425C14.2 (Placental protein	1733	54.955
		DIFF33 LIKE)		
8538	X99140	Homo sapiens type II intermediate filament of	3354	100.000
		hair keratin		
8539	X90763	Homo sapiens HHa5 hair keratin type I	2824	99.529
		intermediate filament		
8540	AL034488	Unknown predicted using Genefinder; cDNA EST	250	24.746
		yk490c1.5 comes from this gene; cDNA EST		
		yk256e4.5 c		
8541	L35604	Drosophila melanogaster ethanolamine kinase	921	40.921
8542	AF003388	Caenorhabditis elegans No definition line	461	38.342
		found		
8543	M32334	Homo sapiens intercellular adhesion molecule 2	1835	100.000
5545	1	(ICAM-2)	1000	100.000
8544	AF064448	Mus musculus sex-determination protein homolog	4097	98.884
0344	VIOO4440	Femlb	4097	90.004
8545	AF067855	Homo sapiens geminin	1328	100.000
8546	M34513			
		Homo sapiens omega protein	1408	96.714
8547	AF093419	Homo sapiens multi PDZ domain protein MUPP1	1317	100.000
05/0	70004076	Home conions similar to small stad small	0	 EE 144
8548	AC004876	Homo sapiens similar to predicted proteins	995	55.144
		AAB54240 (PID:g2088822) and S67138		
0540	1460000	(PID:g2132925)	15344	100 000
8549	M69238	Homo sapiens Arnt	5341	100.000
8550	X12433	Homo sapiens put. ORF	2902	100.000
8551	D63880	Homo sapiens KIAA0159 gene product is related	9109	99.929
	1	to yeast protein L8479.14.		l

8552	M30185	Homo sapiens cholesteryl ester transfer	3186	100.000
8332	M20102	protein precursor	3100	100.000
8553	AF102265	Homo sapiens N-acetylglucosamine-phosphate mutase	3544	100.000
8554	M19507	Homo sapiens myeloperoxidase	5048	99.732
8555	Y14318	Homo sapiens peroxisomal ABC-transporter	4000	100.000
8556	X85750	Homo sapiens expression associated with monocyte to macrophage differentiation	1662	98.739
8557	AF161703	Homo sapiens gammaS-crystallin	1237	99.419
8558	X01060	Homo sapiens put. transferrin receptor (aa 1-760)	5000	99.605
8559	U72678	Mus musculus EF-9	1014	92.857
8560	X81372	Homo sapiens biphenyl hydrolase-related protein	1890	99.635
8561	D28483	Homo sapiens SCR3	2702	99.263
8562	U66372	Bos taurus ribosomal protein S29	420	100.000
8563	D50063	Homo sapiens proteasome subunit p40 / Mov34 protein	2063	98.765
8564	J05594	Homo sapiens NAD+-dependent 15- hydroxyprostaglandin dehydrogenase	1725	99.624
8565	AC006033	Homo sapiens similar to MLN 64; similar to I38027 (PID:g2135214)	1517	100.000
8566	AF002697	Homo sapiens E1B 19K/Bcl-2-binding protein Nip3	1285	100.000
8567	X79536	Homo sapiens hnRNPcore protein Al	2211	100.000
8568	AF012652	Trypanosoma cruzi Tcrab27	233	68.000
8569	D86438	Homo sapiens Ibal (ionized calcium binding adapter molecule 1)	955	100.000
8570	X77639	Sus scrofa cellular retinol binding protein II	582	60.150
8571	X83441	Homo sapiens DNA ligase IV	5616	99.408
8572	AB023811	Homo sapiens TU3A	450	54.135
8573	U21855	Mus musculus mCAF1 protein	1914	99.649
8574	AF078857	Homo sapiens PTD002	1269	100.000
8575	Z73420	Homo sapiens match: protein P25325; match: DNA X59434	2072	100.000
8576	AC006929	Arabidopsis thaliana unknown protein	283	34.286
8577	AB018288	Homo sapiens KIAA0745 protein	5881	99.020
8578	AF065441	Mus musculus FGF binding protein 1	228	24.402
8579	AL031824	Schizosaccharomyces pombe conserved hypothetical protein	193	30.078
8580	AJ008112	Homo sapiens C17orf1 protein	2986	100.000
8581	AF003386	Caenorhabditis elegans No definition line found	1557	44.186
8582	D80004	Homo sapiens KIAA0182	7708	99.825
8583	AC003027	Arabidopsis thaliana lcl prt_seq No definition line found	481	40.329
8584	AB029028	Homo sapiens KIAA1105 protein	596	29.783
8585	X57802	Homo sapiens immunoglobulin lambda light chain	1513	97.835
8586	AB028996	Homo sapiens KIAA1073 protein	325	23.600
8587	AF111941	Dictyostelium discoideum development protein DG1148	304	56.962
8588	AB001993	Homo sapiens glia maturation factor homologous protein	941	100.000
8589	AF124249	Homo sapiens SH2-containing protein Nsp1	3932	99.826
8590	D25304	Homo sapiens this sequence overlaps D13631, it covers 9544359 of this sequence.	5066	100.000
8591	AF132209	Homo sapiens prepro-major basic protein homolog	1608	100.000
8592	AJ002078	Homo sapiens syntaxin 6	1622	100.000

8593	U29488	Caenorhabditis elegans No definition line	849	61.333
		found		
8594	M13444	Mus musculus alpha-tubulin isotype M-alpha-6	3047	100.000
8595	Z81137	Unknown Similarity to Yeast YIP1 protein	255	27.803
		(SW:P53039); cDNA EST EMBL:T01608 comes from		
0506	1 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	this gene; cD	0.470	00.400
8596	AF151903	Homo sapiens CGI-145 protein	2479	99.482
8597	AL050405	Homo sapiens hypothetical protein	2129	99.688
8598	D87463	Homo sapiens KIAA0273	1782	76.364
8599	AF073518	Homo sapiens small EDRK-rich factor 1, short	385	100.000
0.000	77.117460	isoform	1101	100 000
8600 8601	AL117468 L05425	Homo sapiens hypothetical protein	1121	100.000
8602	AL117600	Homo sapiens nucleolar GTPase	4793 3670	100.000
8603	Y13936	Homo sapiens hypothetical protein	3621	100.000
8604	AJ249735	Homo sapiens protein phosphatase 2C gamma Homo sapiens claudin-6	1469	100.000
8605	AF175409	Homo sapiens craudin-6	2750	99.757
8606	AJ224677	Homo sapiens scrapie responsive protein 1	707	100.000
8607	X99656	Homo sapiens SH3-containing Grb-2-like 1	2426	100.000
8608	D90703	Escherichia coli Hypothetical 13.8 kd protein	819	98.413
0000	1 0 90 70 3	in cspE-lipA intergenic region.	019	90.413
8609	X57560	Escherichia coli pspE protein	682	100.000
8610	L37368	Homo sapiens RNA-binding protein	2011	100.000
8611	X77584	Homo sapiens ATL-derived factor/thioredoxin	705	100.000
8612	X78990	Mus musculus testin	1191	48.916
8613	AF151849	Homo sapiens CGI-91 protein	2001	100.000
8614	D87447	Homo sapiens KIAA0258	2628	100.000
8615	X77858	Human papillomavirus type 59 ORF putative E5	99	31.746
8616	M97935	Homo sapiens transcription factor ISGF-3	5010	100.000
8617	AB002294	Homo sapiens KIAA0296	1298	99.891
			8	
8618	AF151878	Homo sapiens CGI-120 protein	644	75.397
8619	AL035064	Schizosaccharomyces pombe queuine trna-	1535	56.743
		ribosyltransferase		
8620	AF006088	Homo sapiens p16-Arc	685	68.831
8621	AF077042	Homo sapiens 30S ribosomal protein S7 homolog	1625	100.000
8622	U29195	Homo sapiens neuronal pentraxin II	3473	98.868
8623	AB018322	Homo sapiens KIAA0779 protein	2019	100.000
8624	X67209	Mus musculus npdcf-1	1511	75.585
8625	AF180819	Homo sapiens LAK1 protein	3537	99.806
8626	AF136382	Homo sapiens JNK MAP kinase scaffold protein	5730	100.000
		JIP2		
8627	AJ248283	Pyrococcus abyssi methylmalonyl-CoA mutase,	126	30.488
		subunit alpha, C-terminus (mcmA2)		
8628	Z75134	Canis familiaris rod transducin	2322	100.000
8629	AF007160	Homo sapiens unknown	915	100.000
8630	AL050007	Homo sapiens hypothetical protein	506	98.795
8631	AC009465	Arabidopsis thaliana unknown protein, contains	375	38.519
0.632		TNFR/NGFR cysteine-rich region	1055	
8632	Z73277	Saccharomyces cerevisiae ORF YLR105c	256	29.240
8633	AF156102	Homo sapiens ELL complex EAP30 subunit	1678	99.612
8634	Z95114	Homo sapiens bK212A2.1 (TNF-inducible protein	1198	59.627
8635	U88964	CG12-1)	240	100 000
8635	AL050143	Homo sapiens HEM45	249	90.909
8637	U40953	Homo sapiens hypothetical protein	759	100.000
0037	040333	Caenorhabditis elegans No definition line found	659	28.989
8638	AB018566	Homo sapiens Proline synthetase associated	1828	100.000
8639	D83767	Homo sapiens Rep-8	1750	100.000
	1 203,0,	I nome supreme hep o	1 1,00	, 100.000]

8640	U36340	Mus musculus BKLF	1473	93.103
8641	U96769	Homo sapiens chondroadherin	2393	99.721
8642	U66411	Drosophila melanogaster putative type III	1307	49.403
0042	000411	alcohol dehydrogenase	1307	45.405
8643	X55989	Homo sapiens eosinophil cationic-related	1167	99.371
		protein		
8644	AF177533	Homo sapiens tight junction protein ZO-2	7916	99.328
		isoform A		
8645	AF007151	Homo sapiens unknown	1908	100.000
8646	AB018307	Homo sapiens KIAA0764 protein	2802	100.000
8647	Z32684	Homo sapiens membrane transport protein	2964	100.000
8648	U09367	Homo sapiens zinc finger protein ZNF136	3902	99.815
8649	M89928	Oryctolagus cuniculus binding protein	736	100.000
8650	D90701	Escherichia coli Hypothetical protein 2.	464	100.000
8651	U19577	Escherichia coli galactonate dehydratase	508	94.805
8652	AP000064	Aeropyrum pernix 120aa long hypothetical protein	123	36.620
8653	D90699	Escherichia coli ORF ID:o163#3	696	98.182
8654	AL117660	Homo sapiens hypothetical protein	609	77.273
8655	AL117195	Caenorhabditis elegans predicted using	544	33.898
		Genefinder; preliminary prediction		
8656	U79298	Homo sapiens unknown	2465	100.000
8657	Z78542	Caenorhabditis elegans similar to	697	47.191
		Mitochondrial carrier proteins; cDNA EST		
		EMBL:T01651 comes from this gene		
8658	M23236	Mus musculus proline-rich protein	523	39.592
8659	AJ010063	Homo sapiens telethonin	1132	100.000
8660	AL049711	Arabidopsis thaliana hypothetical protein	283	33.032
8661	AF143235	Homo sapiens apoptosis related protein APR-1	1247	100.000
8662	J04173	Homo sapiens phosphoglycerate mutase 2	1721	100.000
8663	X71440	Homo sapiens peroxisomal acyl-CoA oxidase	4364	99.394
8664	AF151878	Homo sapiens CGI-120 protein	1113	100.000
8665	AF044774	Homo sapiens breakpoint cluster region protein 2	3415	99.412
8666	Z68227	Caenorhabditis elegans cDNA EST EMBL:D72691 comes from this gene; cDNA EST yk566e9.3 comes from this gene	167	37.349
8667	AF034801	Homo sapiens liprin-alpha4	3274	98.031
8668	AL008729	Homo sapiens predicted protein dJ257A7.1	836	100.000
8669	Y17849	Homo sapiens ganglioside-induced	2328	98.603
		differentiation associated protein 1		
8670	AF084458	Homo sapiens sec61 homolog	3083	100.000
8671	Y12642	Homo sapiens E48 antigen	787	100.000
8672	Z73102	Caenorhabditis elegans predicted using	608	38.800
		Genefinder; Similarity to Bacillus subtilis		
		DNAJ protein (SW:DNAJ_BACSU); cDNA EST		
		EMBL:D74098 comes from this gene; cDNA EST		
		EMBL:C12520 comes from this gene; cDNA EST		
		EMBL:D71409 comes from this gene		
8673	X78933	Homo sapiens zinc finger protein	630	49.296
8674	M17614	Homo sapiens transferrin	212	47.561
8675	X61497	Mus musculus I54 protein	198	56.098
8676	M12140	Homo sapiens envelope protein	588	31.894
8677	X57432	Rattus rattus ribosomal protein S2	694	58.547
8678	X03145	Homo sapiens pot. ORF III	235	51.923
8679	S67513	Borna disease virus BDV, WT-1, Halle B1/91,	763	42.138
-		horse brain, field isolate, Peptide, 370 aa p40		
8680	U01849	Trypanosoma brucei ORF2	173	39.130
		• • • • • • • • • • • • • • • • • • • •		

8681	D90176	Mus musculus ORF of NFI-B6	T 1593	93.841
8682	AF153062	Canis familiaris type I collagen pre-pro-	230	27.186
0002	111 133002	alphal(I) chain		
8683	AB030237	Canis familiaris D4 dopamine receptor	173	41.000
8684	AF134825	Homo sapiens small nuclear ribonucleoprotein B	528	85.294
8685	X51394	Xenopus laevis APEG precursor protein	310	30.918
8686	AF052432	Homo sapiens katanin p80 subunit	194	31.282
8687	M13100	Rattus norvegicus unknown protein	237	41.667
8688	X03145	Homo sapiens pot. ORF II	304	56.190
8689	AB012223	Canis familiaris ORF2	226	47.500
8690	Z34802	Caenorhabditis elegans cDNA EST yk372h11.3	126	32.692
0030	231002	comes from this gene; cDNA EST yk372h11.5 comes from this gene		
8691	S80905	Homo sapiens Conl=salivary concanavalin-A	168	28.239
0031	000000	binding protein {exon 3}		
8692	U04267	Gossypium barbadense proline-rich cell wall protein	267	34.731
8693	U67988	Homo sapiens guanylate kinase associated	570	78.571
8694	U73522	protein Homo sapiens AMSH	266	60.526
	AF123344	Homo sapiens Kruppel-like zinc finger	283	56.250
8695		transcription factor		
8696	U71363	Homo sapiens zinc finger protein zfp6	430	51.678
8697	AF123880	multiple sclerosis associated retrovirus element gag polyprotein	277	42.982
8698	X15804	Homo sapiens alpha-actinin (AA 1-892)	266	72.131
8699	U83303	Homo sapiens line-1 reverse transcriptase	168	46.835
8700	AF015454	Xenopus laevis ER1	829	66.667
8701	X90875	Mus musculus FXR1	521	64.844
8702	Z12172	Homo sapiens putative homeotic protein	429	76.190
8703	U72514	Homo sapiens C2f	363	57.944
8704	X56158	Homo sapiens immunoglobulin from VH4 family	534	76.923
8705	U01317	Homo sapiens G-gamma globin	217	50.602
8706	AL021396	Homo sapiens dJ971N18.2	861	85.161
8707	U49974	Homo sapiens mariner transposase	360	70.526
8708	U47924	Homo sapiens C8	490	68.966
8709	AC006233	Arabidopsis thaliana hypothetical protein	190	52.542
8710	М15386	Homo sapiens gamma-globin	466	71.698
8711	D88385	Sus scrofa A-Raf-1	396	72.414
8712	U95044	Homo sapiens zinc finger protein	221	43.382
8713	AF064553	Mus musculus NSD1 protein	223	57.895
8714	M15386	Homo sapiens gamma-globin	525	76.786
8715	М96982	Homo sapiens U2 snRNP auxiliary factor small subunit	398	39.608
8716	U49082	Homo sapiens transporter protein	950	62.172
8717	AF000422	Homo sapiens TTF-I interacting peptide 5	1802	84.091
8718	U01317	Homo sapiens G-gamma globin	215	50.000
8719	AF053356	Homo sapiens insulin receptor substrate like protein	317	39.631
8720	U58337	Mus musculus ligatin	330	63.636
8721	S61973	Rattus sp. NMDA receptor glutamate-binding subunit	2375	74.723
8722	M29622	Mus musculus open reading frame 2	120	50.000
8723	X74330	Homo sapiens DNA primase (subunit p48)	307	57.292
8724	M16550	Baboon endogenous virus pol polyprotein	660	34.990
8725	Z77655	Caenorhabditis elegans Weak similarity to Human calcium-dependent proetase (SW:CANS HUMAN)	194	48.718
8726	Y12713	Mus musculus Pro-Pol-dUTPase polyprotein	2155	65.565
3,20	1 * + 2 . + 3	indo madeatab ito tot dollade potyprotein	1	1 33.305

0707	1 77 000105		1 2 6 0 5	145 060
8727	AL033125	Unknown 1-evidence=predicted by content; 1-	1625	45.960
		method=genefinder;084; 1-evidence_end; 2-	1	
2.7.2.		evidence=pred		
8728	U49974	Homo sapiens mariner transposase	889	66.045
8729	X55777	Homo sapiens put. ORF	240	59.211
8730	AF151887	Homo sapiens CGI-129 protein	177	75.000
8731	X03145	Homo sapiens pot. ORF II	275	47.934
8732	X75042	Homo sapiens c-rel	2333	90.453
8733	AF003535	Homo sapiens ORF2-like protein	419	63.478
8734	AF000194	Caenorhabditis elegans No definition line	356	25.364
		found		
8735	U93565	Homo sapiens putative p150	195	37.864
8736	AF003535	Homo sapiens ORF2-like protein	440	58.088
8737	X51394	Xenopus laevis APEG precursor protein	203	27.875
8738	U93565	Homo sapiens putative p150	472	52.381
8739	AC006585	Arabidopsis thaliana putative extragenic	1243	43.545
		suppressor protein		
8740	AB002306	Homo sapiens KIAA0308	900	40.748
8741	AL031177	Homo sapiens dJ889M15.3 (novel protein)	1109	90.099
8742	L11366	Herpesvirus papio EBNA2 gene product	263	25.731
8743	AB012139	Rattus norvegicus procollagen C-proteinase 3	267	38.312
8744	M27878	Homo sapiens DNA binding protein	407	31.359
8745	X07704	Homo sapiens Po protein	304	45.912
8746	X53581	Rattus norvegicus ORF4	444	39.648
8747	AF006740	Homo sapiens No definition line found	276	41.935
8748	AC005825	Arabidopsis thaliana putative glucokinase	227	51.389
8749	L22031	Glycine max hydroxyproline-rich glycoprotein	155	41.379
8750	214019	Nicotiana tabacum pistil extensin like protein	197	32.540
8751	AJ243460	Leishmania major proteophosphoglycan	245	34.123
8752	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	219	53.731
8753	Z81074	Unknown Similarity to Soybean 3-		64.223
0/33	2010/4		1366	04.223
		methylcrotonyl-CoA carboxylase (TR:Q42777); cDNA EST EMBL:M75819 co		
8754	AF107727		270	61.818
8755	AF071081	Rattus norvegicus sertolin	370	
0/33	AFU/1081	Mycobacterium tuberculosis proline-rich mucin	323	29.964
8756	1107552	homolog	101	20 201
	U97553	murine herpesvirus 68 unknown	181	28.381
8757	M26111	Anser anser beta-actin	527	82.979
8758	AC004136	Arabidopsis thaliana hypothetical protein	272	25.468
8759	AF015539	Mytilus edulis precollagen P	420	29.711
8760	AF129269	Homo sapiens DNA methyltransferase 3 beta 5	320	61.628
8761	AB012223	Canis familiaris ORF2	208	45.763
8762	AB015054	Rhizomucor pusillus Alg2	162	43.750
8763	D31763	Homo sapiens ha0946 protein is Kruppel-	758	38.259
	7.7.50105	related.		
8764	AF153127	Gallus gallus SAPK interacting protein	2179	72.782
8765	AF139185	Rattus norvegicus myomegalin	861	65.066
8766	U09116	Homo sapiens ORF2, encodes a reverse	346	44.056
		transcriptase homolog		
8767	M74002	Homo sapiens arginine-rich nuclear protein	692	79.605
8768	AF055904	Myxococcus xanthus unknown	294	33.438
8769	AL110249	Homo sapiens hypothetical protein	183	36.449
8770	L22760	Rattus norvegicus DNA binding protein	176	26.984
8771	AB032904	Hylobates syndactylus dopamine receptor D4	163	37.008
8772	บ97553	murine herpesvirus 68 unknown	346	30.680
8773	X67863	Mus musculus T2	236	40.690
8774	J00123	Homo sapiens preproenkephalin (44	30.000
8775	U49974	Homo sapiens mariner transposase	307	67.742
8 7 76	AB029014	Homo sapiens KIAA1091 protein	1362	61.096
	·	· · · · · · · · · · · · · · · · · · ·		

8777	X61046	Hydra sp. mini-collagen	167	47.541
8778	D88587	Homo sapiens Hakata antigen	337	47.341
8779	M12140	Homo sapiens envelope protein	554	32.624
8780	X55777	Homo sapiens put. ORF	245	67.742
8781	M80341	Homo sapiens ORF2 contains a reverse	320	52.809
0701	1300541	transcriptase domain.; ORF2	320	32.009
8782	Z96047	Caenorhabditis elegans DY3.6	251	28.846
8783	AF132552	Drosophila melanogaster BcDNA.GM01838	1292	79.498
8784	X65120	Homo sapiens alpha1(X)collagen	312	29.081
8785	AL033545	Arabidopsis thaliana extensin-like protein	198	32.812
8786	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	421	54.839
8787	AC002542	Homo sapiens similar to C. elegans F11A10.5;	1547	62.439
		80% similarity to Z68297 (PID:g1130619)		
8788	M64793	Rattus norvegicus salivary proline-rich	242	30.493
		protein		
8789	U04267	Gossypium barbadense proline-rich cell wall	210	36.601
	,	protein		
8790	X86019	Homo sapiens SH3-domain interacting protein	246	29.936
8791	Z14016	Nicotiana tabacum pistil extensin like	179	31.579
		protein, partial CDS		
8792	U57368	Mus musculus EGF repeat transmembrane protein	437	56.522
8793	M11902	Mus musculus proline-rich salivary protein	221	35.789
8794	AF153685	Homo sapiens truncated calcium binding protein	89	28.421
8795	AF123880	multiple sclerosis associated retrovirus	184	37.838
		element gag polyprotein		
8796	X15332	Homo sapiens alpha-1 (III) collagen	294	28.367
8797	AF124663	Mus musculus UbcM4 interacting protein 28;	515	43.777
		UIP28		
8798	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	428	61.146
8799	บ97553	murine herpesvirus 68 unknown	390	29.197
8800	S62941	Homo sapiens Ps 2=basic proline-rich	353	32.915
		protein(PRB1L precursor protein=basic proline-		
		rich proteins (Ps, PmF, PmS, and Pe)		
0001	VC1 205	precursor) {C-terminal}	105	06.016
8801 8802	X61395	Lycopersicon esculentum proline rich protein	185	26.016
8803	AJ243460	Leishmania major proteophosphoglycan	245	30.189
8804	X61045 X57010	Hydra sp. mini-collagen	193	35.043
8805	U05342	Homo sapiens collagen II alpha 1 chain	158	37.419
8806	U04267	Mus musculus zinc finger protein	644	50.505 35.115
0000	004267	Gossypium barbadense proline-rich cell wall	223	35.115
8807	X55777	protein Homo sapiens put. ORF	348	72.368
8808	AF055904	Myxococcus xanthus unknown	163	30.682
8809	X60432	Zea mays prolin rich protein	195	32.680
8810	AF055904	Myxococcus xanthus unknown	238	30.712
8811	U25281	Rattus norvegicus SH3 domain binding protein	207	32.035
8812	U35730	Mus musculus jerky	260	33.846
8813	U88895	Homo sapiens ORF2	302	71.212
8814	AF123880	multiple sclerosis associated retrovirus	256	44.000
0014	111 123000	element gag polyprotein	230	44.000
8815	AF019969	Mus musculus Su(var)3-9 homolog	420	49.315
8816	U21310	Caenorhabditis elegans No definition line	164	32.824
		found		
8817	L29169	Chironomus tentans giant secretory protein	189	40.800
		(sp-Ic)		
8818	AL008583	Homo sapiens dJ327J16.3 (novel CHROMObox	532	59.236
		family protein)		
8819	U07973	Gallus gallus alpha-1 collagen type III	346	28.075
	D29833	Homo sapiens proline rich peptide P-B	393	73.750
8820	029033	I HOMO Sapiens bioline lich bebilde beb	1 333	1 /3./30

8821	AL034421	Homo sapiens dJ1137F22.2 (core-binding factor,	147	32.075
		runt domain, alpha subunit 2; translocated to,		
		2 (MTGR1a, MTG8/ETO/CDR family protein)		
		(isoform 2))		
8822	Y10529	Homo sapiens olfactory receptor	1145	75.200
8823	AF055904	Myxococcus xanthus unknown	200	30.545
8824	U03714	Mus musculus alpha 1(XVIII) collagen	165	39.815
8825	AF017777	Drosophila melanogaster waclaw	1208	52.099
8826	X07882	Homo sapiens Po protein	182	34.746
8827	X15311	Woolly monkey sarcoma virus reverse	491	47.236
002,	MISSII	transcriptase (476 AA)	3,1	47.250
8828	AJ222580	Mus musculus B99 protein	184	27.987
8829	M69297	Homo sapiens ORF 2	109	33.735
8830	Y18620	Arabidopsis thaliana DsPTP1 protein	251	43.925
			1	
8831	AF010170	synthetic construct Pol	659	26.002
8832	U68412	Arenicola marina fibrillar collagen	198	34.711
8833	X61047	Hydra sp. mini-collagen	123	33.684
8834	AB032907	Hylobates lar dopamine receptor D4	175	35.811
8835	D64052	Nicotiana tabacum cytochrome P450 like TBP	183	36.691
8836	AF020261	Santalum album proline rich protein	242	26.027
8837	AL078606	Arabidopsis thaliana putative protein	359	45.113
8838	M15103	Plasmodium cynomolgi circumsporozoite antigen	194	26.210
8839	AJ004832	Homo sapiens neuropathy target esterase	1218	58.583
8840	AC006283	Arabidopsis thaliana hypothetical protein	170	29.605
8841	U32305	Caenorhabditis elegans No definition line	378	40.271
0041	032303	found	378	40.271
8842	AL031603	Schizosaccharomyces pombe conserved	1253	51.969
0042	ALUSTOUS	hypothetical protein.	1233	31.969
8843	297184		101	11 101
		Homo sapiens BING1	484	41.494
8844	AF055904	Myxococcus xanthus unknown	264	31.985
8845	Z81074	Caenorhabditis elegans predicted using	419	35.821
		Genefinder; Similarity to Yeast ORF YOR070C		
		(TR:Q08484); cDNA EST EMBL:T01610 comes from		
		this gene; cDNA EST EMBL:D36648 comes from		
		this gene; cDNA EST yk303b2.5 comes from this		
		gene		
8846	U25281	Rattus norvegicus SH3 domain binding protein	233	31.837
8847	X55686	Lycopersicon esculentum extensin (class II)	56	31.818
8848	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	206	76.744
8849	X64173	Zea diploperennis hydroxyproline-rich	181	33.117
		glycoprotein		
8850	AC006233	Arabidopsis thaliana hypothetical protein	188	42.342
8851	U62528	Equus caballus type II collagen	326	29.173
8852	Z14015	Nicotiana tabacum pistil extensin like protein	253	29.469
8853	AF121861	Homo sapiens sorting nexin 11	68	30.000
8854	U93569	Homo sapiens putative p150	296	42.373
8855	L24521			
		Homo sapiens transformation-related protein	249	56.667
8856	AF086608	Rattus norvegicus neurestin beta	297	30.802
8857	AF000381	Homo sapiens non-functional folate binding	806	89.506
00-5		protein	<u> </u>	
8858	S70011	Rattus sp. tricarboxylate carrier	298	53.846
8859	AF016671	Caenorhabditis elegans Similar to collagen	274	45.361
8860	U49974	Homo sapiens mariner transposase	368	68.041
8861	M22333	Homo sapiens unknown protein	585	49.393
8862	M92913	Nephila clavipes dragline silk fibroin	326	28.439
8863	AL031282	Homo sapiens dJ283E3.6.1 (PUTATIVE novel	1589	55.644
		protein similar to many (archae)bacterial,		
		worm and yeast hypothetical proteins)	ļ	1
	 		I	
8864	AF017777	Drosophila melanogaster tweety	475	25.971

	T-2011106	I	1	
8865	AB011126	Homo sapiens KIAA0554 protein	426	58.678
8866	Y14690	Homo sapiens procollagen alpha 2(V)	238	30.038
8867	AB028997	Homo sapiens KIAA1074 protein	504	50.575
8868	AC005498	Homo sapiens R31665 2	366	27.083
8869	AF159131	Mus musculus nucleolar RNA helicase II/Gu	174	32.335
8870	D80009	Homo sapiens KIAA0187	827	87.333
8871	AC006085	Arabidopsis thaliana Hypothetical protein	294	28.516
8872	U53155	Unknown Similar to cuticular collagen; coded for by C. elegans cDNA yk58e6.3; coded for by C. elega	109	34.127
8873	X15081	Crithidia fasciculata MURF2 protein (AA 1-348)	196	32.639
8874	270780	Caenorhabditis elegans cDNA EST yk465d10.3 comes from this gene; cDNA EST yk465d10.5 comes from this gene; cDNA EST yk481d9.5 comes from this gene	323	27.626
8875	AC003979	Arabidopsis thaliana ESTs gb Z34075, gb Z34835 and gb AA404888 come from this gene.	424	40.299
8876	AL022537	Arabidopsis thaliana putative protein	172	33.121
8877	AL078637	Arabidopsis thaliana serine/threonine kinase- like protein	220	30.270
8878	AB029022	Homo sapiens KIAA1099 protein	1687	79.878
8879	AL022393	Homo sapiens p373c6.2	538	50.521
8880	บ76557	Rattus norvegicus O-GlcNAc transferase, p110 subunit	1063	64.537
8881	X75919	Pseudomonas fluorescens TRANSFERRED ENTRY: 3.4.19.3	53	28.916
8882	X99699	Homo sapiens XIAP associated factor-1 (ZAP-1)	689	64.324
8883	AF026802	Homo sapiens alpha-3 type IX collagen	120	36.735
8884	AF041330	Bodo saltans NADH dehydrogenase subunit 5	144	32.824
8885	AF003535	Homo sapiens ORF2-like protein	231	44.882
8886	Y12713	Mus musculus Gag polyprotein	228	37.324
8887	X55777	Homo sapiens put. ORF	309	54.444
8888	U44091	Rattus norvegicus atrophin-1 related protein	224	36.683
8889	AJ012582	Homo sapiens hyperpolarization-activated cation channel HCN2	113	32.653
8890	AF091234	Mus musculus putative transcription factor	1363	67.341
8891	Y12713	Mus musculus Pro-Pol-dUTPase polyprotein	1439	77.891
8892	AL009266	Homo sapiens hypothetical protein	803	67.568
8893	บ97553	murine herpesvirus 68 unknown	287	30.478
8894	AJ004801	Bovine herpesvirus type 1.1 glycoprotein C	169	34.746
8895	AJ132828	Spermatozopsis similis p210 protein	177	27.039
8896	AF167320	Mus musculus zinc finger protein ZFP113	567	34.409
8897	Z72495	Carassius auratus ZP2	413	30.882
8898	D29642	Homo sapiens KIAA0053	398	49.612
8899	U45958	Nicotiana alata pistil extensin-like protein	210	31.780
8900	M64793	Rattus norvegicus salivary proline-rich protein	273	34.701
8901	S71333	Platyrrhini alpha 1,3 galactosyltransferase, alpha 1,3GT	622	65.584
8902	M13101	Rattus norvegicus unknown protein	348	50.794
8903	M16976	Glycine max N-75	274	36.364
8904	X52235	Homo sapiens ORFII	308	43.275
8905	X52851	Homo sapiens peptidylprolyl isomerase	766	74.332
	L24521	Homo sapiens transformation-related protein	347	60.638
8906	1 12 3 2 1			
8907	AF007269		525	28.500
		Arabidopsis thaliana No definition line found Homo sapiens lamin-like protein	525 174	28.500
8907	AF007269	Arabidopsis thaliana No definition line found		
8907 8908	AF007269 M24732	Arabidopsis thaliana No definition line found Homo sapiens lamin-like protein	174	40.708

8912	AJ243460	Leishmania major proteophosphoglycan	T 197	28.854
8913	AF009829	Mycobacterium bovis unknown	183	37.234
8914	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	475	38.871
8915	X68684	Homo sapiens ZNF11B	258	39.370
8916	M64791	Rattus norvegicus salivary proline-rich	150	34.127
		protein		
8917	M17463	Human papillomavirus type 5 ORF E4 from bp	112	30.058
		3285 to 4022; putative		
8918	AL021086	Unknown /prediction=(method:""genefinder"",	1994	52.736
		version:""084"");		
		/prediction=(method:""genscan"", ve		
8919	AL035289	Homo sapiens hypothetical protein	2986	69.146
8920	AC006232	Arabidopsis thaliana putative proline-rich	393	28.254
		protein PRP2 precursor		
8921	U37263	Homo sapiens KRAB zinc finger protein;	481	40.529
		Method: conceptual translation supplied by		
		author		
8922	X02585	Xenopus laevis unidentified open reading frame	249	48.315
0000		2	000	22 222
8923	U75308	Homo sapiens TBP-associated factor	232	33.209
8924	AF073770	Homo sapiens carnitine octanoyltransferase	488	98.750
8925	M15182	Homo sapiens beta-glucuronidase precursor (EC	743	55.000
8926	AB023206	3.2.1.31)	327	50.000
8927	L10910	Homo sapiens KIAA0989 protein Homo sapiens splicing factor	947	59.170
8928	U88895	Homo sapiens ORF derived from D1 leader region	189	42.222
0920	000095	and integrase coding region	189	42.222
8929	M13100	Rattus norvegicus unknown protein	214	47.312
8930	AL031581	Unknown /prediction=(method:""genscan"",	236	25.786
0 3 3 0	711031301	version:""1.0"", score:""198.31"");	230	25.700
		/prediction=(method:		
8931	AF123880	multiple sclerosis associated retrovirus	319	43.802
		element gag polyprotein		10.002
8932	M19419	Mus musculus proline-rich salivary protein	217	43.411
8933	A31038	Nicotiana alata PRP3	157	44.304
8934	AF020261	Santalum album proline rich protein	201	42.718
8935	U58755	Caenorhabditis elegans C34D4.11 gene product	175	43.564
8936	Z47357	Caenorhabditis elegans cDNA EST EMBL:T00822	327	43.382
		comes from this gene; cDNA EST EMBL:T00823		
		comes from this gene		
8937	X83543	Homo sapiens APXL	547	39.852
8938	U54638	Mus musculus rhotekin	1149	89.401
8939	AF047690	Homo sapiens ATP-binding cassette protein M-	225	54.054
		ABC1		
8940	AF075575	Homo sapiens dysferlin	341	37.563
8941	A31038	Nicotiana alata PRP3	155	33.708
8942	AL033534	Schizosaccharomyces pombe serine-rich protein	226	27.891
8943	U07974	Gallus gallus unknown	210	33.816
8944	L22030	Glycine max hydroxyproline-rich glycoprotein	167	31.613
8945	AC004997	Homo sapiens match to ESTs Z43979	721	60.476
		(NID:g573097), R19699 (NID:g774333), T59198		
0046	7.0000020	(NID:g661035), and AA027979 (NID:g1494038)	1005	1.2 622
8946	AF080070	Mus musculus zinc finger protein 54	236	43.220
8947	M92913	Nephila clavipes dragline silk fibroin	276	30.651
8948	D90899	Synechocystis sp. hypothetical protein	392	31.818
8949	AF071081	Mycobacterium tuberculosis proline-rich mucin	314	26.752
8950	1100412	homolog	1055	40 547
8950	U09413 AF019236	Homo sapiens zinc finger protein ZNF135 Dictyostelium discoideum TipD	1055 211	49.547
	1 AFULY/30	IDICIVOSIETIUM GISCOIGEUM TIDD	1 2 1 1	1 20.250

8952	AF121009	Mycobacterium tuberculosis H37Rv hypothetical	296	35.122
		protein Jv0534		
	X76203	Drosophila virilis major larval glue protein	180	31.098
	U41543	Caenorhabditis elegans No definition line found	262	33.742
8955	Z68747	Homo sapiens imogen 38	697	59.055
8956	AF045646	Caenorhabditis elegans contains similarity to collagens	126	33.775
	AF018432	Homo sapiens dUTPase	464	64.615
8958	U97553	murine herpesvirus 68 unknown	214	28.668
8959	L27428	Homo sapiens reverse transcriptase	173	26.437
8960	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	286	75.000
	M12099	Mus musculus proline-rich protein	263	33.333
	L24521	Homo sapiens transformation-related protein	327	64.045
	X13885	Nicotiana tabacum extensin (AA 1-620)	371	25.828
8964	AL050331	Homo sapiens dJ486I3.4 (TSPY-like (testis specific protein, Y-linked like))	1548	94.981
8965	AJ388557	Canis familiaris zinc finger protein	358	45.098
	U83303	Homo sapiens line-1 reverse transcriptase	269	43.750
	X03145	Homo sapiens pot. ORF II	238	48.421
	AB012223	Canis familiaris ORF2	268	53.846
8969	U88154	Homo sapiens proline and glutamic acid rich nuclear protein isoform	731	91.270
8970	AF164612	Homo sapiens Gag protein	272	44.706
8971	AB012223	Canis familiaris ORF2	295	40.426
8972	AL024499	Caenorhabditis elegans cDNA EST EMBL:C10123 comes from this gene	244	34.746
8973	X83413	Human herpesvirus 6 U88	685	36.986
8974	L22343	Homo sapiens nuclear phosphoprotein	2191	86.410
8975	AB012223	Canis familiaris ORF2	361	52.212
8976	M64791	Rattus norvegicus salivary proline-rich protein	253	35.638
8977	Z98204	Hordeum vulgare extensin	209	28.652
	AL035423	Homo sapiens dJ20I3.1 (brain mitochondrial carrier protein-1 (BMCP1))	381	51.007
8979	AJ132828	Spermatozopsis similis p210 protein	206	30.047
	AF132856	Homo sapiens suppressor of G2 allele of skpl homolog	209	64.815
8981	U93872	Kaposi's sarcoma-associated herpesvirus ORF 73, contains large complex repeat CR 73	109	31.915
8982	X61294	Rattus norvegicus L1 retroposon, a portion of its ORF2 sequence	276	44.521
8983	AL035461	Homo sapiens dJ967N21.3 (novel protein similar to predicted worm, yeast and plant proteins)	2526	95.455
8984	D29956	Homo sapiens This gene is similar to tre oncogene (X63547).	526	63.690
8985	AJ005282	Homo sapiens NPR-Bi	6054	96.677
8986	Z54141	Saccharomyces cerevisiae unknown	128	31.250
8987	D67066	Bos taurus N-WASP	247	41.221
	U01849	Trypanosoma brucei ORF1	178	31.034
	AL022537	Arabidopsis thaliana putative protein	193	29.327
		Rattus norvegicus kidney-specific protein	1344	60.857
1	AF062389			
8990	AF062389 AF104411			82.452
8990		Mus musculus neuronal-specific septin 3 Caenorhabditis elegans predicted using	2395	82.452 30.612
8990 8991 8992	AF104411	Mus musculus neuronal-specific septin 3 Caenorhabditis elegans predicted using Genefinder; similar to collagen	2395	
8990 8991 8992 8993	AF104411 Z70208 M86699	Mus musculus neuronal-specific septin 3 Caenorhabditis elegans predicted using Genefinder; similar to collagen Homo sapiens kinase	2395 246 644	30.612 65.934
8990 8991 8992 8993 8994	AF104411 Z70208	Mus musculus neuronal-specific septin 3 Caenorhabditis elegans predicted using Genefinder; similar to collagen	2395 246	30.612

8997	AF071172	Homo sapiens HERC2	260	79.245
8998	U60269	Homo sapiens putative envelope protein; orf	216	43.333
0990	000203	similar to env of Type A and Type B	210	43.333
		retroviruses and to class II HERVs		
8999	AF087573	Homo sapiens DNA fragmentation factor DFF35	427	68.613
9000	AL031174	Schizosaccharomyces pombe hypothetical protein	215	40.404
9001	AF017777	Drosophila melanogaster tweety	472	30.380
9002	U49973	Homo sapiens ORF1; MER37; putative transposase	476	41.573
3002		similar to pogo element		
9003	U97553	murine herpesvirus 68 unknown	242	32.783
9004	AF073344	Homo sapiens ubiquitin-specific protease 3	2084	90.909
9005	AB028965	Homo sapiens KIAA1042 protein	979	57.621
9006	M69297	Homo sapiens ORF 3	136	41.096
9007	AL117589	Homo sapiens hypothetical protein	902	59.480
9008	L29435	Gallus gallus beta-5 tubulin	2300	95.845
9009	X78928	Homo sapiens zinc finger protein	551	64.463
9010	L41827	Homo sapiens sensory and motor neuron-derived	1404	98.643
		factor		
9011	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	298	79.688
9012	AL035632	Unknown /prediction=(method:""genefinder"",	673	55.435
		version:""084"", score:""113.36"");		
		/prediction=(meth		
9013	X94910	Homo sapiens ERp28	468	74.074
9014	X53476	Mus musculus HMG-14 (AA 1-96)	211	79.167
9015	M15386	Homo sapiens gamma-globin	556	71.094
9016	S39127	human, testis, Peptide, 331 aa cathepsin	157	67.442
_		S=cysteine proteinase	1	
9017	AF115384	Homo sapiens LR8	279	82.456
9018	K02212	Homo sapiens alpha-1-antitrypsin	2458	98.223
9019	A12029	Homo sapiens MRP-14	322	51.923
9020	AB028997	Homo sapiens KIAA1074 protein	189	69.811
9021	L13440	Nicotiana tabacum cysteine-rich extensin-like	202	52.459
0000	1415006	protein-2		
9022	M15386	Homo sapiens gamma-globin	898	98.621
9023	U10362	Homo sapiens GP36b glycoprotein	506	53.741
9024	AB011157	Homo sapiens KIAA0585 protein	332	88.525
9025	Z32683	Unknown cDNA EST EMBL: Z14902 comes from this	711	28.841
		gene; cDNA EST EMBL:M89155 comes from this		
9026	AF000560	gene; cDNA Homo sapiens TTF-I interacting peptide 20;	224	52.381
3020	AT 000300	TIP20; Transcription Termination Factor I	224	32.301
	j	Interacting Peptide 20		
9027	AF171099	Xenopus laevis Mi-2 histone deacetylase	648	61.137
		complex protein 66		
9028	AB018341	Homo sapiens KIAA0798 protein	1398	62.281
9029	AF026954	Bos taurus pyruvate dehydrogenase phosphatase	1070	71.374
		regulatory subunit precursor; PDPr		
9030	U93569	Homo sapiens putative p150	256	57.143
9031	AB017614	Mus musculus OASIS protein	276	34.091
9032	L10110	Octopus dofleini alpha tubulin	369	74.667
9033	AL023706	Schizosaccharomyces pombe hypothetical protein	358	34.300
9034	Z70683	Unknown cDNA EST EMBL:T01585 comes from this	750	33.613
		gene; cDNA EST EMBL:D72333 comes from this		
		gene; cDNA		
9035	AB007198	Agkistrodon blomhoffii siniticus phospholipase	248	37.143
		A2 inhibitor		
9036	X80433	Mus musculus tex292	278	80.597
9037	Y09945	Rattus norvegicus putative integral membrane	173	56.863
	<u>l.</u>	transport protein	l	L

	1		10154	104 605
9038	X52574	Mus musculus GTP binding protein	2154	84.635
9039	U63840	Rattus norvegicus nucleoporin p54	1202	69.381
9040	AB011169	Homo sapiens KIAA0597 protein	260	43.011
9041	D14336	Mus musculus RNA polymerase I associated factor (PAF53)	697	71.233
9042	AB029008	Homo sapiens KIAA1085 protein	2554	99.482
9043	M37190	Homo sapiens ras inhibitor	708	40.431
9044	AL050262	Homo sapiens hypothetical protein	543	39.922
9045	AF071059	Mus musculus zinc finger RNA binding protein	3718	96.721
9046	X58636	Mus musculus lymphoid enhancer factor 1	1428	94.009
9047	U05681	Homo sapiens homologous to members of the I- kappa B family; protein binds NF-kappa B proteins	329	32.534
9048	AL117557	Homo sapiens hypothetical protein	1432	83.600
9049	AF125455	Caenorhabditis elegans No definition line found	231	29.167
9050	X52063	Escherichia coli orfB	397	42.553
9051	AL031770	Homo sapiens dJ20B11.1 (ortholog of rat RSEC5 (mammalian exocyst complex subunit))	2189	99.432
9052	AF132953	Homo sapiens CGI-19 protein	2422	100.000
9053	U47024	Mus musculus MEM3	1159	92.708
9054	AF007109	Arabidopsis thaliana similar to yeast dcp1	347	34.416
9055	U41534	Caenorhabditis elegans No definition line found	380	31.724
9056	AF120499	Homo sapiens DEM1 protein	764	88.406
9057	X89401	Homo sapiens ribosomal protein L21	350	57.759
9058	Z82271	Unknown Similarity to Mouse kinensin-like protein KIF4 (SW:P33174); cDNA EST EMBL:D27320 comes from	756	42.804
9059	M26312	Oryctolagus cuniculus unknown protein	204	33.571
9060	AF077188	Homo sapiens cullin 4A	425	98.571
9061	AC005546	Homo sapiens R29425 1	2564	93.271
9062	A52744	unidentified unnamed protein product	237	37.624
9063	L27428	Homo sapiens reverse transcriptase	399	72.043
9064	Z70783	Caenorhabditis elegans cDNA EST yk575f9.3 comes from this gene	372	38.150
9065	AL031579	Schizosaccharomyces pombe hypothetical protein	270	25.993
9066	AF027219	Homo sapiens ZNF202 beta	431	52.857
9067	Z85986	Homo sapiens dJ108K11.3 (similar to yeast suppressor protein SRP40)	1223	96.296
9068	U88587	Nicotiana alata 120 kDa style glycoprotein	303	35.622
9069	D90868	Escherichia coli GLUCOKINASE (EC 2.7.1.2).	923	98.639
9070	AL035461	Homo sapiens dJ967N21.3 (novel protein similar to predicted worm, yeast and plant proteins)	3064	99.786
9071	AL096749	Homo sapiens truncated by frame shift; corresponding STS: EMBL:G37487	274	26.433
9072	U73379	Homo sapiens cyclin-selective ubiquitin carrier protein	787	79.762
9073	AL078630	Mus musculus 573K1.15 (mm17M1-6 (novel 7 transmembrane receptor (rhodopsin family) (olfactory receptor LIKE) protein))	669	86.667
9074	Z81505	Unknown similar to Zinc finger, C3HC4 type (RING finger); cDNA EST EMBL:D28025 comes from this gene	486	34.672
9075	AF132956	Homo sapiens CGI-22 protein	2064	98.433
9076	AB025793	Bos taurus casein kinase I-alpha	149	71.429
9077	L29457	Mus musculus dynamin	423	60.484
9078	S60885	Mus sp. LYAR=cell growth regulating nucleolar protein	1188	74.532

9079	L05147	Homo sapiens phosphatase tyrosine/serine	212	45.783
9080	AF126736	Homo sapiens ubiquitin processing protease	2997	98.468
9081	AL080125	Homo sapiens hypothetical protein	442	75.510
9082	U64856	Caenorhabditis elegans weak similarity to TPR domains	583	44.845
9083	AL022117	Schizosaccharomyces pombe hypothetical protein	289	38.621
9084	AL110241	Homo sapiens hypothetical protein	1458	97.510
9085	AJ005698	Homo sapiens poly(A)-specific ribonuclease	712	82.639
9086	AF117897	Bos taurus rabl1 binding protein	1302	82.609
9087	AB033168	Mus musculus nuclear protein ZAP	1451	93.627
9088	M58378	Homo sapiens synapsin I	1816	97.872
9089	AF051098	Mus musculus seven transmembrane domain orphan receptor	1745	92.000
9090	AJ131693	Homo sapiens AKAP450 protein	1238	97.500
9091	AF183910	Rattus norvegicus frizzled receptor 4	915	96.947
9092	AF067608	Caenorhabditis elegans No definition line found	57	42.857
9093	X76717	Homo sapiens MT-11 protein	200	75.610
9094	M64488	Rattus norvegicus synaptotagmin II	306	73.973
9095	AF000422	Homo sapiens TTF-I interacting peptide 5	439	41.714
9096	AF125569	Homo sapiens tumor suppressing STF cDNA 6	187	47.674
9097	A18812	Brassica napus extensin	324	32.143
9098	U73682	Homo sapiens meningioma-expressed antigen 11	196	29.703
9099	M11759	Lycopersicon esculentum cell wall hydroxyproline-rich glycoprotein	199	36.000
9100	AF180920	Homo sapiens cyclin ania-6a	1370	90.361
9101	AP000063	Aeropyrum pernix 175aa long hypothetical protein	158	35.780
9102	D88315	Mus musculus tetracycline transporter-like protein	553	71.901
9103	AF051400	Gallus gallus fibulin-1, isoform C precursor	241	47.500
9104	X92521	Homo sapiens MMP-19 (matrix metalloproteinase)	600	41.356
9105	AF106702	Mus musculus testis-enriched protein tyrosine phosphatase	457	32.646
9106	Y17113	Xenopus laevis ribosomal protein L24	1009	68.037
9107	AL031447	Homo sapiens dJ126A5.1.2 (novel DnaJ domain protein) (isoform 2)	427	92.754
9108	M34024	Homo sapiens immunoglobulin heavy chain	734	82.270
9109	X59727	Homo sapiens 63kDa protein kinase	2621	98.765
9110	D90741	Escherichia coli ORF2	378	52.055
9111	AF091624	Drosophila melanogaster Pelle associated protein Pellino	840	55.285
9112	AF125158	Homo sapiens zinc finger DNA binding protein 99	4417	100.000
9113	X07311	Drosophila melanogaster heat shock protein	197	40.000
9114	Z83826	Homo sapiens dJ473B4.1 (novel protein similar to predicted human and worm genes)	494	72.131
9115	X03145	Homo sapiens pot. ORF III	274	59.000
9116	AL050008	Homo sapiens hypothetical protein	1449	88.281
9117	Z49909	Caenorhabditis elegans weak similarity with a B. Flavum translocation protein (Swiss Prot accession number P38376); cDNA EST yk220e10.5 comes from this gene; cDNA EST yk549e12.3 comes from this gene; cDNA EST yk618d6.3 comes from this gene	584	38.839
9118	X63546	Homo sapiens oncogene	2573	80.467
9119	AJ223782	Mus musculus CDC10	1675	91.958
9120	X85991	Mus musculus semaphorin B	1074	78.641
9121	M55264	Saimiriine herpesvirus 2 gene products	125	42.857
			• — — —	

9122	AB028997	Homo sapiens KIAA1074 protein	602	56.970
9123	X76104	Homo sapiens DAP-kinase	5061	100.000
9124	X58826	Drosophila melanogaster RNA polymerase III	517	69.912
		second-largest subunit		
9125	D89821	Mus musculus RhoM	766	53.202
9126	AF092091	Rattus norvegicus cp431	1700	82.647
9127	D87908	Mus musculus nuclear protein np95	401	47.134
9128	U38979	Homo sapiens hPMSR3	1141	94.444
9129	X51760	Homo sapiens zinc finger protein (583 AA)	373	59.292
9130	Y12713	Mus musculus Pro-Pol-dUTPase polyprotein	338	69.620
9131	AF098796	Mus musculus SLM-1	1278	96.618
9132	Z81030	Caenorhabditis elegans similar to citrate lyase beta chain; cDNA EST yk302b4.5 comes	255	45.000
0100	7.5000000	from this gene	450	16 100
9133	AF098863	Mus musculus Ets-protein Spi-C	459	46.199
9134	U95097	Xenopus laevis mitotic phosphoprotein 43	611	71.523
9135	AF000413	Plasmodium berghei merozoite surface protein-1	153	33.621
9136	Z82268	Unknown cDNA EST yk338g10.5 comes from this gene; cDNA EST EMBL:D27934 comes from this gene; cDNA E	801	38.074
9137	U62940	Rattus norvegicus mt-GrpE#1 precursor	258	60.204
9138	M13100	Rattus norvegicus unknown protein	255	50.685
9139	X67155	Homo sapiens mitotic kinase-like protein-1	4436	98.844
9140	U83303	Homo sapiens line-1 reverse transcriptase	356	58.416
9141	U79260	Homo sapiens unknown	335	69.048
9142	AF022821	Mus musculus putative potassium channel DP4	336	52.885
9143	AF055077	Homo sapiens zinc finger protein 42	932	86.061
9144	U16790	Mus musculus putative collagen alpha-2 (XI) chain	212	32.716
9145	AF071172	Homo sapiens HERC2	324	57.009
9146	Y17793	Mus musculus Dutt1 protein	644	87.156
9147	X98259	Homo sapiens M-phase phosphoprotein 8	380	55.285
9148	X85124	Mus musculus PACSIN	435	87.342
9149	U64833	Caenorhabditis elegans B0507.2 gene product	888	40.000
9150	M93017	Rattus norvegicus , gene product	1094	92.228
9151	AB026190	Homo sapiens Kelch motif containing protein	675	32.159
9152	AJ388555	Canis familiaris hypothetical protein	1163	88.559
9153	AB002312	Homo sapiens KIAA0314	597	39.384
9154	AF055636	Homo sapiens leucine-rich glioma-inactivated protein precursor	723	53.000
9155	D50930	Homo sapiens The KIAA0140 gene product is novel.	198	31.217
9156	AF006492	Mus musculus FOG	1384	68.652
9157	AF043179	Homo sapiens T cell receptor beta chain	758	58.768
9158	D86984	Homo sapiens similar to yeast adenylate cyclase (S56776)	1436	63.772
9159	X55777	Homo sapiens put. ORF	351	70.513
9160	AF076167	Rattus norvegicus UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase T6	1118	91.892
9161	U67549	Methanococcus jannaschii spore coat polysaccharide biosynthesis protein E	675	35.770
9162	AL022325	Homo sapiens fF27C3.1.1 (protein similar to C. elegans protein B0035.16) (isoform 1)	922	75.115
9163	AL031266	Caenorhabditis elegans VM106R.1	275	42.105
9164	000051	Caenorhabditis elegans coded for by C. elegans cDNA yk50b2.5; coded for by C. elegans cDNA CEESV26F; similar to lipases over a short region	827	31.369
9165	AB007898	Homo sapiens KIAA0438	198	80.556
	1	1 Capacina Marana 100	1	1 33.330

9166	AF072509	Rattus norvegicus glutamate receptor	826	84.472
01.67	U40942	interacting protein 2	350	45.056
9167	040942	Caenorhabditis elegans No definition line	759	45.956
9168	AB020649	found Homo sapiens KIAA0842 protein	352	84.932
9169	D80009	Homo sapiens KIAA0842 protein	864	93.750
9170	AF155110	Homo sapiens NY-REN-45 antigen	1914	51.565
9170	U88165	Caenorhabditis elegans No definition line	616	48.374
91/1	000103	found	010	40.3/4
9172	L04159	Plasmodium falciparum 3' end., gene product	204	27.723
9173	AF022985	Caenorhabditis elegans No definition line	465	43.478
5175	AF 022 303	found	1 403	45.476
9174	AF098505	Caenorhabditis elegans similar to Arabidopsis	525	37.379
		thaliana male sterility protein 2 (SW:Q08891)		
9175	AL021997	Homo sapiens dJ874C20.1 (Zinc Finger Protein	266	59.770
		ZFP47 LIKE)		
9176	D80006	Homo sapiens KIAA0184	738	99.138
9177	M23613	Homo sapiens nucleophosmin	737	93.600
9178	L15309	Homo sapiens zinc finger protein	250	77.778
9179	U47619	Drosophila melanogaster ovary2	1262	42.715
9180	AB014536	Homo sapiens KIAA0636 protein	803	47.482
9181	U80741	Homo sapiens CAGH44	704	68.478
9182	U71363	Homo sapiens zinc finger protein zfp6	887	78.409
9183	X85786	Homo sapiens binding regulatory factor	358	49.600
9184	L11275	Saccharomyces cerevisiae selected as a weak	180	27.317
		suppressor of a mutant of the subunit AC40 of		
		DNA dependant RNA polymerase I and III		
9185	AF177203	Homo sapiens cerebral cell adhesion molecule	492	72.414
9186	D79994	Homo sapiens similar to ankyrin of Chromatium	305	37.453
		vinosum.		
9187	AF041083	Rattus norvegicus RoBo-1	189	29.710
9188	AF099742	Rattus norvegicus putative short-chain	921	73.575
		dehydrogenase/reductase		
9189	AF035209	Mus musculus putative v-SNARE Vtila	843	95.238
9190	AF181655	Drosophila melanogaster BcDNA.LD27873	298	42.754
9191	M29852	Oryctolagus cuniculus cytochrome P-450 isozyme	479	50.340
9192	AF151820	5 Homo sapiens CGI-62 protein	994	97.297
9193	AB007876	Homo sapiens KIAAO416	1001	56.554
9194	U38980	Homo sapiens hPMSR6	340	64.634
9195	U26397	Rattus norvegicus inositol polyphosphate 4-	384	28.378
9193	020397	hosphatase	364	20.370
9196	AE001058	Archaeoglobus fulgidus adenylate kinase (adk)	178	31.034
9197	L05147	Homo sapiens phosphatase tyrosine/serine	242	45.833
9198	AF126746	Mus musculus zinc finger protein splice	474	42.021
		variant FIZ1-A		
9199	M27685	Mus musculus ultra-high sulphur keratin	432	47.934
9200	AF064604	Homo sapiens KEO3 protein	2308	99.717
9201	AF036145	Homo sapiens meningioma-expressed antigen 5	1458	99.099
9202	AF184919	Rattus norvegicus artemin	142	40.000
9203	AF010144	Homo sapiens neuronal thread protein AD7c-NTP	357	76.471
9204	AB002803	Homo sapiens BACH1	324	38.571
9205	X90849	Gallus gallus polybromo 1 protein	2847	88.200
9206	AL080125	Homo sapiens hypothetical protein	982	64.082
9207	AB007898	Homo sapiens KIAA0438	198	80.556
9208	AF155352	Mus musculus ankyrin repeat-containing protein	374	41.667
	133332	Asb-1] , ,	11.00/
9209	AL050110	Homo sapiens hypothetical protein	4147	100.000
9210	S58722	Homo sapiens X-linked retinopathy protein {C-	179	80.000
		1 Plant		1 2 2 2 2 2 2

	T	terminal, clone XEH.8c}	т	
9211	AF177942	Xenopus laevis katanin p60	655	48.918
9212	AL080125	Homo sapiens hypothetical protein	540	61.074
9213	AF016508	Mus musculus C-terminal binding protein 2	1107	79.916
9214	AB018308	Homo sapiens KIAA0765 protein	400	32.530
9215	U37263	Homo sapiens KRAB zinc finger protein;	548	39.464
		Method: conceptual translation supplied by	" "	33.101
		author		
9216	M14268	Homo sapiens T-cell receptor V-region (V-D-J)	736	92.742
9217	AB014594	Homo sapiens KIAA0694 protein	523	60.140
9218	AF180920	Homo sapiens cyclin ania-6a	1016	70.044
9219	X01655	Homo sapiens type III procollagen (aa 892-	143	39.231
		1023)		
9220	U33007	Saccharomyces cerevisiae Ydr449cp; CAI: 0.18	337	31.959
9221	AJ005073	Mus musculus Alix	1066	95.455
9222	AL110151	Homo sapiens hypothetical protein	240	38.760
9223	D66904	Homo sapiens suppressor for yeast mutant	436	77.778
9224	U58332	Mus musculus receptor tyrosine kinase	362	81.159
9225	AF092091	Rattus norvegicus cp431	215	71.154
9226	AF106682	Homo sapiens spindlin	688	100.000
9227	AJ131730	Homo sapiens DREAM protein	205	41.111
9228	AB025259	Mus musculus granuphilin-b	405	40.123
9229	AB002336	Homo sapiens KIAA0338	1185	84.163
9230	X57206	Homo sapiens 1D-myo-inositol-trisphosphate 3-	1194	87.081
0001		kinase	·	
9231	AF002197	Caenorhabditis elegans short region of weak	453	34.061
		similarity to protein kinase C; contains		
		similarity to Pfam domain PF00130 (DAG_PE-		
9232	M63963	bind), Score=10.0, E-value=0.0034, N=1	285	91.667
9233	AJ388557	Rattus norvegicus H,K-ATPase catalytic subunit Canis familiaris zinc finger protein	327	62.366
9234	AC006264	Arabidopsis thaliana unknown protein	802	43.408
9235	X98507	Homo sapiens myosin I beta	2935	97.650
9236	AF152963	Rattus norvegicus NADH/NADPH mitogenic oxidase	319	36.216
5250	111132303	subunit p65-mox		30.210
9237	U89280	Rattus norvegicus oxidative 17 beta	418	69.697
		hydroxysteroid dehydrogenase type 6		
9238	Z21507	Homo sapiens human elongation factor-1-delta	511	72.308
9239	273619	Saccharomyces cerevisiae ORF YPL263c	438	34.014
9240	AC004484	Arabidopsis thaliana hypothetical protein	611	42.029
9241	Z83760	Ciona intestinalis COS41.5	181	33.333
9242	AF061025	Homo sapiens leucine zipper-EF-hand containing	1628	99.184
		transmembrane protein 1		
9243	J02638	Escherichia coli polynucleotide phosphorilase	601	44.091
9244	AB013607	Mus musculus c29	671	62.983
9245	AJ243310	Homo sapiens C14orf3 protein	357	36.910
9246	X14046	Homo sapiens CD37 (AA 1-244)	217	57.831
9247	M69181	Homo sapiens non-muscle myosin B	9236	99.384
9248	X00947	Homo sapiens alpha 1 antichymotrypsin	275	58.889
9249	AF104246	Gallus gallus enhancer of filamentation 1	319	39.490
0250	124521	homolog	003	F1 000
9250	L24521	Homo sapiens transformation-related protein	227	51.220
9251	AF021231	Mus musculus acetylcholinesterase-associated	177	30.833
9252	A31036	collagen Nicotiana alata PRP2	107	26 275
9253	X80433	Mus musculus tex292	197 278	36.275 80.597
9254	X61047	Hydra sp. mini-collagen		
9255	AF118838	Homo sapiens citrin; adult-onset type II	183	43.038
7233	WELL 10020	citrullinemia protein	1574	99.605
	L	Creretitueure broceiu	l	L

9256	D90869	Escherichia coli similar to	1633	97.048
9257	AF114817	Homo sapiens KRAB-zinc finger protein SZF1-2	271	82.143
9258	M15530	Homo sapiens B-cell growth factor	156	55.102
9259	M15386	Homo sapiens gamma-globin	476	67.241
9260	X55777	Homo sapiens put. ORF	157	50.877
9261	V00488	Homo sapiens alpha globin	364	74.684
9262	U36771	Rattus norvegicus sn-glycerol 3-phosphate	226	60.714
9202	030771	acyltransferase	220	00.714
9263	L10910	Homo sapiens splicing factor	161	52.941
9264	AB019438	Homo sapiens immunogloblin heavy chain	506	82.105
, , , ,		variable region		
9265	X53777	Homo sapiens putative ribosomal protein (AA 1-	513	69.369
		184)		
9266	X03725	Mus musculus ORF 2 (466 aa)	183	42.466
9267	AF115435	Rattus norvegicus syntaxin 17	236	90.244
9268	L38717	Rattus norvegicus titin	345	65.000
9269	U23452	Caenorhabditis elegans No definition line	224	29.921
		found		
9270	AF134983	Mus musculus energy-dependent regulator of	286	62.857
		proteolysis		
9271	D10653	Homo sapiens cell surface glycoprotein	393	66.990
9272	L07955	Bos taurus factor activating exoenzyme S	582	72.656
9273	J05459	Homo sapiens glutathione transferase M3	597	75.424
9274	AB000910	Sus scrofa ribosomal protein	356	89.286
9275	L07599	Homo sapiens ribosomal protein S6 kinase 3	550	81.188
9276	A12029	Homo sapiens MRP-14	534	71.296
9277	U01317	Homo sapiens G-gamma globin	287	58.140
9278	AC002550	Homo sapiens Unknown gene product	181	51.724
9279	AF028808	Mus musculus hemin-sensitive initiation factor	2818	81.714
9280	X56411	2 alpha kinase Homo sapiens alcohol dehydrogenase	230	87.179
9281	M15386	Homo sapiens gamma-globin	295	61.039
9282	V00488	Homo sapiens alpha globin	228	94.595
9283	AB025026	Homo sapiens brain carboxylesterase hBr1	242	87.805
9284	M15386	Homo sapiens gamma-globin	455	70.588
9285	M15386	Homo sapiens gamma-globin	199	91.176
9286	M15386	Homo sapiens gamma-globin	382	67.010
9287	U14966	Homo sapiens ribosomal protein L5	1157	96.667
9288	V01514	Homo sapiens reading frame AFP	460	69.725
9289	AF115435	Rattus norvegicus syntaxin 17	236	90.244
9290	X02515	Homo sapiens T-cell receptor beta 1 chain	209	53.425
9291	X00497	Homo sapiens putative p33	294	54.167
9292	AL035593	Homo sapiens dJ310J6.1 (novel protein)	164	61.905
9293	M15386	Homo sapiens gamma-globin	491	73.786
9294	AF079873	Rattus norvegicus splicing factor 1 homolog	252	49.451
9295	AF150089	Homo sapiens small zinc finger-like protein	163	56.818
9296	M15386	Homo sapiens gamma-globin	333	55.670
9297	M15386	Homo sapiens gamma-globin	415	65.000
9298	V00488	Homo sapiens alpha globin	370	90.323
9299	M15386	Homo sapiens gamma-globin	205	53.030
9300	D13891	Homo sapiens Id-2H	38	32.000
9301	AF016370	Homo sapiens U4/U6 small nuclear	1798	91.613
	<u></u>	ribonucleoprotein hPrp3	<u> </u>	
		Homo sapiens put. ORF	248	62.963
9302	X55777		1	
9303	X17617	Mus musculus zinc finger protein (AA 1-580)	661	54.023
		Mus musculus zinc finger protein (AA 1-580) Caenorhabditis elegans contains a domain found	1	
9303 9304	X17617 U80955	Mus musculus zinc finger protein (AA 1-580) Caenorhabditis elegans contains a domain found in band 4.1, ezrin, moesin, radixin and talin	661 822	54.023 48.561
9303	X17617	Mus musculus zinc finger protein (AA 1-580) Caenorhabditis elegans contains a domain found	661	54.023

	1		T	
9307	м36899	Cricetulus griseus uridine diphosphate N-	1050	91.765
		acetyl D-glucosamine dolichol phosphate N-		ŀ
0000	7.675.00	acetyl glucosamine-1 phosphate transferase	105	1
9308	A67508	Mus musculus MUS MUSCULUS GENOMIC DNA CONTAINING THE FV1 GENE.	405	44.253
9309	AF143241	Mus musculus ADP-ribosylation factor-like protein 3	241	37.838
9310	D37885	Rattus norvegicus choline kinase R2	304	41.401
9311	AF126062	Homo sapiens Arf-like 2 binding protein BART1	292	55.952
9312	U38979	Homo sapiens hPMSR3	177	35.354
9313	U60269	Homo sapiens putative envelope protein; orf	450	77.907
		similar to env of Type A and Type B retroviruses and to class II HERVs		
9314	AF045641	Caenorhabditis elegans No definition line	1008	44.789
		found		
9315	U54644	Homo sapiens tub homolog	600	65.922
9316	S36219	Homo sapiens prostaglandin G/H synthase,	204	73.469
		PGG/HS		
9317	X55777	Homo sapiens put. ORF	248	62.963
9318	AF055985	Onchocerca volvulus pyrrolidone-rich antigen	117	28.395
9319	AF043724	Homo sapiens hepatitis A virus cellular receptor 1	1578	77.640
9320	U78294	Homo sapiens 15S-lipoxygenase	193	54.237
9321	AF037402	Bos taurus butyrophilin	253	42.308
9322	D90903	Synechocystis sp. hypothetical protein	211	51.667
9323	AF017368	Mus musculus faciogenital dysplasia protein 2	299	78.182
9324	U66220	Nannocystis exedens unknown	166	32.584
9325	Z30425	Homo sapiens orphan nuclear hormone receptor	332	92.308
9326	U87965	Mus musculus putative G-protein	972	41.667
9327	Y08685	Homo sapiens serine palmitoyltransferase, subunit I	958	94.737
9328	Z47072	Caenorhabditis elegans similar to acid	722	36.607
9329	L27428	phosphatase	000	42 026
9330	A22096	Homo sapiens reverse transcriptase	220	43.836
9331	D63477	Homo sapiens plasminogen Homo sapiens The KIAA0143 gene product is	854	90.845
9331	D03477	related to a putative C.elegans gene encoded on cosmid C32D5.	1332	98.030
9332	AF115435	Rattus norvegicus syntaxin 17	236	90.244
9333	AF008203	Homo sapiens homeobox protein	442	42.424
9334	AF067972	Homo sapiens DNA cytosine methyltransferase 3 alpha	1036	82.902
9335	AJ243460	Leishmania major proteophosphoglycan	212	34.653
9336	Z80220	Unknown similar to nucleotide binding protein; cDNA EST EMBL:M75897 comes from this gene; cDNA EST	433	50.806
9337	AC009322	Arabidopsis thaliana Hypothetical protein	232	50.704
9338	AL023284	Homo sapiens dJ406A7.2.1 (Microtuble Associated Protein E-MAP-115)	401	59.804
9339	AF055077	Homo sapiens zinc finger protein 42	469	63.025
9340	Y11354	Homo sapiens subunit of RNA polymerase II transcription factor TFIID	215	29.646
9341	AP000001	Pyrococcus horikoshii 305aa long hypothetical L-asparaginase	173	44.928
9342	AB020690	Homo sapiens KIAA0883 protein	179	50.000
		Caenorhabditis elegans No definition line	665	45.378
9343	AF045640		003	13.370
9343	AF173378	found Homo sapiens 60S acidic ribosomal protein PO	442	89.333

9346	AF022465	Mus musculus high mobility group protein	492	83.333
)) 40	AF022403	homolog HMG4	472	03.333
9347	X66357	Homo sapiens serine/threonine protein kinase	257	91.111
9348	AL024499	Caenorhabditis elegans cDNA EST EMBL:C10123 comes from this gene	452	35.961
9349	AF076167	Rattus norvegicus UDP-GalNAc:polypeptide N- acetylgalactosaminyltransferase T6	48	23.404
9350	AB014555	Homo sapiens KIAAO655 protein	965	87.952
9351	AB014074	Rattus norvegicus semaphorin Y short isoform	668	86.441
9352	D89103	Schizosaccharomyces pombe unnamed protein	211	46.602
		product		
9353	Y10392	Human endogenous retrovirus K gag protein	335	41.026
9354	AF176514	Mus musculus E2F1-inducible protein	169	38.636
9355	AB024075	Homo sapiens B120	394	50.000
9356	Z14310	Human endogenous retrovirus tripartite fusion transcript PLA2L	170	59.574
9357	U55366	Caenorhabditis elegans Similar to cuticle collagen	186	29.775
9358	L29028	Unknown amino acid feature: N-glycosylation sites, aa 41 43, 46 48, 51 53, 72 74, 107 .	147	30.345
9359	AF022985	Unknown Similar to collagen; coded for by C. elegans cDNA yk55f3.3; coded for by C. elegans cDNA	187	29.730
9360	U56964	Caenorhabditis elegans weak similarity to S. cerevisiae intracellular protein transport protein US)1 (SP:P25386)	371	31.939
9361	M26312	Oryctolagus cuniculus unknown protein	161	40.000
9362	AL050156	Homo sapiens hypothetical protein	547	49.756
9363	S58722	Homo sapiens X-linked retinopathy protein {C-terminal, clone XEH.8c}	204	58.462
9364	AL021481	Caenorhabditis elegans cDNA EST EMBL:T01200 comes from this gene; cDNA EST EMBL:D72618 comes from this gene; cDNA EST yk343c3.3 comes from this gene; cDNA EST EMBL:Z14821 comes from this gene	395	31.050
9365	AC005498	Homo sapiens R31665 2	305	56.098
9366	AJ011523	Caenorhabditis elegans CHE-2 protein	405	41.135
9367	U49974	Homo sapiens mariner transposase	227	55.422
9368	S61069	Homo sapiens reverse transcriptase homolog=pol {retroviral element}	291	86.275
9369	X55777	Homo sapiens put. ORF	332	64.557
9370	AF010314	Homo sapiens Pig10	223	35.593
9371	X07858	Saccharomyces cerevisiae ORF (1 is 3rd base in codon) (266 is 1st base in codon)	109	41.667
9372	U41020	Caenorhabditis elegans coded for by C. elegans cDNA yk100g4.5; coded for by C. elegans cDNA yk100g4.3; weakly similar to human SREBP-2 basic-helix-loop-helix-leucine zipper transcription factor	407	50.450
9373	U37263	Homo sapiens KRAB zinc finger protein; Method: conceptual translation supplied by author	222	73.333
9374	U50193	Unknown coded for by C. elegans cDNA CEMSG95FB; coded for by C. elegans cDNA CEMSG95RB; coded for b	255	33.113
9375	AB020709	Homo sapiens KIAA0902 protein	624	70.896
9376	AL021571	Caenorhabditis elegans predicted using	312	36.943
L		Genefinder	1	<u> </u>

9377	AF050640	Homo sapiens NADH-ubiquinone oxidoreductase NDUFS2 subunit	211	91.429
9378	AL031432	Homo sapiens dJ465N24.2.1 (PUTATIVE novel protein) (isoform 1)	226	37.838
9379	AC002291	Arabidopsis thaliana Similar ATP-dependent RNA Helicase	1818	42.125
9380	U53585	Mycobacterium avium fibronectin attachment protein	136	37.179
9381	AJ243460	Leishmania major proteophosphoglycan	265	36.404
9382	AF116268	Mus musculus G-protein XLAS	157	29.570
9383	AF090867	Rattus norvegicus guanosine monophosphate reductase	976	67.727
9384	U49974	Homo sapiens mariner transposase	348	70.000
9385	L20319	Rattus norvegicus developmentally regulated protein	1188	63.869
9386	X66285	Mus musculus HC1 ORF	182	44.828
9387	Y00638	Homo sapiens LCA (AA -23 to 1281)	322	76.389
9388	M31013	Homo sapiens nonmuscle myosin heavy chain (NMHC)	173	73.529
9389	Z70208	Caenorhabditis elegans predicted using Genefinder; similar to collagen	180	30.000
9390	AF055995	Homo sapiens thyroid hormone receptor- associated protein complex component TRAP100	646	80.645
9391	AF045646	Caenorhabditis elegans contains similarity to collagens	245	32.143
9392	U41021	Caenorhabditis elegans contains two LIM domains	240	61.111
9393	AF022465	Mus musculus high mobility group protein homolog HMG4	492	83.333
9394	X53581	Rattus norvegicus ORF2	181	55.814
9395	D90710	Escherichia coli Hypothetical protein HI1731	1041	91.515
9396	U00039	Escherichia coli overlaps end of previous orf	566	93.258
9397	D64006	Synechocystis sp. asparaginyl-tRNA synthetase	997	42.359
9398	Z74036	Caenorhabditis elegans predicted using Genefinder; similar to collagen	176	32.847
9399	X89715	Saccharomyces cerevisiae AOF1001	221	32.616
9400	X99302	Homo sapiens Popl	762	96.610
9401	AC003682	Homo sapiens ZNF134	827	51.429
9402	Y17918	Drosophila melanogaster CRAG protein	1790	48.253
9403	X94976	Brassica napus cell wall-plasma membrane linker protein	250	27.551
9404	AF146396	Homo sapiens soluble liver antigen/liver pancreas antigen	234	100.000
9405	AF054180	Homo sapiens hematopoietic cell derived zinc finger protein	753	71.338
9406	AJ388555	Canis familiaris hypothetical protein	735	67.832
9407	AF024636	Homo sapiens STE20-like kinase 3	681	87.500
9408	D49835	Homo sapiens DNA-binding protein	253	97.368
9409	AC006284	Arabidopsis thaliana putative ankyrin	205	40.659
9410	U09366	Homo sapiens zinc finger protein ZNF133	428	60.360
9411	A58792	unidentified unnamed protein product	201	90.625
9412	U42208	Oryza sativa OSBZ8	82	64.706
9413	AF118838	Homo sapiens citrin; adult-onset type II citrullinemia protein	401	90.141
9414	U27121	Danio rerio G12	212	73.810
9415	X99145	Canis familiaris overexpressed in thyroid tissue after TSH stimulation	608	92.000
9416	J03535	Mus musculus embigin precursor	167	60.000
9417	U35022	Rattus norvegicus cis-Golgi matrix protein	681	68.639
J 3 4 1	000022	naceds norvegicus ers dorgr macrix procein	1 001	1 00.055

	Т	GM130	1	
9418	x75090	Homo sapiens PHAPI (Putative HLA DR Associated	838	65.517
		Protein I)		
9419	AB011137	Homo sapiens KIAA0565 protein	219	47.222
9420	D63881	Homo sapiens KIAA0160 gene product is novel.	3129	98.323
9421	AB020716	Homo sapiens KIAA0909 protein	348	100.000
9422	Z75330	Homo sapiens nuclear protein SA-1	651	100.000
9423	AJ005890	Homo sapiens JM1	169	100.000
9424	AC004697	Arabidopsis thaliana unknown protein	226	29.143
9425	AF140691	Mus musculus melusin	733	51.376
9426	AJ006591	Homo sapiens cysteine-rich protein	256	97.500
9427	X90875	Mus musculus FXR1	183	96.000
9428	Z27170	Homo sapiens IG light chain variable region (VJ)	518	76.238
9429	AF061034	Homo sapiens FIP2	377	65.060
9430	D64062	Rattus norvegicus annexin V-binding protein (ABP-10)	1326	73.448
9431	L22557	Rattus norvegicus calmodulin-binding protein	420	80.723
9432	AF111168	Homo sapiens unknown	759	100.000
9433	U16800	Xenopus laevis ribonucleoprotein	1367	79.688
9434	AF105378	Homo sapiens heparan sulfate D-glucosaminyl 3- O-sulfotransferase-4	1257	99.474
9435	AB014536	Homo sapiens KIAA0636 protein	1756	61.358
9436	AF123880	multiple sclerosis associated retrovirus element gag polyprotein	226	53.448
9437	U85055	Mus musculus rap1/rap2 interacting protein	703	93.694
9438	AB007903	Homo sapiens KIAA0443	416	49.682
9439	Z66568	Schizosaccharomyces pombe hypothetical trp-asp repeats containing protein	522	42.941
9440	AF157706	Human herpesvirus 6B B4	157	36.923
9441	AC004908	Homo sapiens zinc finger protein from gene of	855	99.180
		uncertain exon structure; similar to Q99676 (PID:q3025333)		
9442	AF153191	Homo sapiens nm23-H7	890	79.558
9443	AF059569	Homo sapiens actin binding protein MAYVEN	519	100.000
9444	AF065414	Homo sapiens COBW-like placental protein	188	90.625
9445	AB019440	Homo sapiens immunogloblin heavy chain variable region	486	79.310
9446	AB019439	Homo sapiens immunogloblin heavy chain variable region	577	89.320
9447	V00488	Homo sapiens alpha globin	331	81.356
9448	AF155105	Homo sapiens putative zinc finger protein NY-REN-34 antigen	251	35.577
9449	AF062146	Homo sapiens immunoglobulin heavy chain variable region	866	93.525
9450	AJ131730	Homo sapiens DREAM protein	142	70.370
9451	AJ224819	Homo sapiens tumor suppressor	572	42.132
9452	AF084521	Homo sapiens brefeldin A-inhibited guanine	186	100.000
9453	M93017	nucleotide-exchange protein 2		
9453	M33328	Rattus norvegicus , gene product Homo sapiens calpastatin	491 152	92.500 95.833
9455	X00452	Homo sapiens DC classII histocompatibility	A	
9433	700432	antigen alpha-chain	255	95.238
9456	AF117888	Homo sapiens myosin-IXa	5696	99.649
9457	X60221	Homo sapiens H+-ATP synthase subunit b	284	53.750
9458	X75785	Rattus norvegicus SCP3 protein	191	58.824
9459	V00488	Homo sapiens alpha globin	374	98.246
9460 9461	AB020716	Homo sapiens KIAA0909 protein	195	79.412
	AC005825	Arabidopsis thaliana putative glucokinase	265	48.193

	1	F		
9462	AE000854	Methanobacterium thermoautotrophicum Na+/H+-	191	37.391
		exchanging protein:Na+/H+ antiporter	ļ	
9463	A31039	Nicotiana alata PRP3	176	38.272
9464	AC002988	Homo sapiens OLF4	303	78.689
9465	AF151826	Homo sapiens CGI-68 protein	201	68.889
9466	X52128	Mus musculus domesticus pBS13 precursor	543	40.609
		polypeptide, testis-specific		
9467	AF070663	Homo sapiens HSPC007	297	71.875
9468	U31449	Homo sapiens tetraspan membrane protein	252	74.510
9469	D14340	Mus musculus ZO-1	174	100.000
9470	V00488	Homo sapiens alpha globin	118	100.000
9471	AC003007	Homo sapiens Unknown gene product (partial)	468	89.024
9472	AC007842	Homo sapiens BC331191_1	290	54.545
9473	M74090	Homo sapiens TB2	356	63.043
9474	A06100	synthetic construct synthetic antithrombin III	459	92.105
9475	AL050062	Homo sapiens hypothetical protein	259	94.872
9476	L06498	Homo sapiens ribosomal protein S20	387	84.211
9477	X56932	Homo sapiens 23 kD highly basic protein	963	100.000
9478	AF151830	Homo sapiens CGI-72 protein	935	85.556
9479	AL033503	Candida albicans conserved hypothetical	334	40.299
		protein		
9480	AF054180	Homo sapiens hematopoietic cell derived zinc	234	55.556
		finger protein		
9481	X57821	Homo sapiens immunoglobulin lambda light chain	484	79.787
9482	J02828	Gallus gallus beta-tubulin	1224	82.692
9483	AJ006710	Rattus norvegicus phosphatidylinositol 3-	1147	93.855
		kinase		
9484	AF041207	Homo sapiens midline 1 cerebellar isoform 2	285	33.113
9485	X63797	Gallus gallus decorin	519	55.245
9486	AL023799	Homo sapiens dJ322P7.1 (zinc finger)	276	89.130
9487	U09368	Homo sapiens zinc finger protein ZNF140	296	62.500
9488	X93207	Homo sapiens NRD2 convertase	285	100.000
9489	AF017369	Mus musculus faciogenital dysplasia protein 3	2523	80.328
9490	D83268	Athalia rosae vitellogenin	141	43.662
9491	U23514	Caenorhabditis elegans similar to S.	231	39.560
		cerevisiae SSD1 protein (SP:SSD1_YEAST,		
		P24276) and to E. coli VACB and \overline{R} ibonuclease		
		II genes		
9492	AC005594	Homo sapiens R26984 1	786	47.566
9493	AB023231	Homo sapiens KIAA1014 protein	1009	51.908
9494	L42324	Homo sapiens G protein-linked receptor	654	96.970
9495	AC004262	Homo sapiens R29368 2	906	83.140
9496	U29488	Caenorhabditis elegans No definition line	578	44.915
0407	20116006	found	010	06.000
9497	AF116826	Homo sapiens putative protein-tyrosine kinase	818	96.923
9498	U95044	Homo sapiens zinc finger protein	402	69.565
9499	U05343	Mus musculus zinc finger protein PZF	2307	93.151
9500	Z74031	Unknown Similarity to Yeast D-lactate	662	44.017
		dehydrogenase (SW:DLD1_YEAST); cDNA EST		
05.01	7 7011110	EMBL:C12235 comes fro	1000	07 700
9501	AJ011118	Mus musculus skeletal muscle and cardiac	988	87.709
QE O 2	V70027	protein	430	00 500
9502	X78927	Homo sapiens zinc finger protein	439	98.529
9503	AF030131	Mus musculus Plenty of SH3s; POSH	382	58.163
9504	Y18208	Rattus norvegicus serine-threonine specific	228	80.952
		protein phosphatase, glycogen-binding (GL)		
9505	AC002130	Subunit	246	40 140
9505	Z73428	Arabidopsis thaliana F1N21.13 Caenorhabditis elegans similar to Zinc finger,	346	48.148
	1 4/3440	reachornaburers eregans similar to binc linger,	391	34.197

		LOSHOA I (DING C') DUA DOM DINDI DOZZOG		,
		C3HC4 type (RING finger); cDNA EST EMBL:D67323		
0503	AF061258	comes from this gene	007	100.000
9507		Homo sapiens LIM protein	227	100.000
9508	AB002584	Rattus norvegicus beta-alanine-pyruvate aminotransferase	448	78.049
9509	D42054	Homo sapiens KIAA0092 gene product is	191	46.970
		distantly related to smooth muscle myosin.		
9510	D87455	Homo sapiens Similar to S.cerevisiae hypothetical protein 5 (S49634)	1099	82.775
9511	AF123880	multiple sclerosis associated retrovirus element gag polyprotein	263	45.556
9512	X68670	Mus musculus deoxynucleotidyltransferase	442	39.906
9513	AF149414	Arabidopsis thaliana contains similarity to Pfam family PF00145 (C-5 cytosine-specific DNA methylase); score=10.4. E=0.051, N=1	390	36.946
9514	AF155739	Mus musculus axotrophin	302	88.235
9515	U49385	Mus musculus CTP synthetase homolog	2213	93.820
9516	X72467	Homo sapiens Ig kappa light chain (VJC)	717	90.517
9517	AF109907	Homo sapiens S164	380	26.140
9518	X17617	Mus musculus zinc finger protein (AA 1-580)	198	69.767
9519	U28831	Homo sapiens protein that is immuno-reactive with anti-PTH polyclonal antibodies	712	59.556
9520	AJ222636	Homo sapiens hypothetical protein	288	41.618
9521	L11672	Homo sapiens zinc finger protein	270	43.548
9522	U25691	Mus musculus lymphocyte specific helicase	427	96.774
9523	AB011097	Homo sapiens KIAA0525 protein	660	57.297
9524	U35376	Homo sapiens repressor transcriptional factor	729	39.655
9525	Z81030	Unknown similar to O-sialoglycoprotein	472	42.593
		endopeptidase; cDNA EST EMBL:D73065 comes from this gene; cD		
9526	AL049608	Arabidopsis thaliana extensin-like protein	241	27.372
9527	AF019085	Homo sapiens BRDT	231	24.869
9528	AF039720	Caenorhabditis elegans No definition line found	974	56.452
9529	D25215	Homo sapiens KIAA0032	277	48.148
9530	U29096	Caenorhabditis elegans coded for by C. elegans cDNA yk44f2.5; similar to P59 protein (HSP binding immunophilin) and to TPR domain	272	40.351
9531	D82080	Gallus gallus leucine-zipper protein	283	40.816
9532	S45663	Rattus sp. SC2=synaptic glycoprotein	220	42.667
9533	254327	Caenorhabditis elegans similar to oxidoreductase	449	31.707
9534	AL050159	Homo sapiens hypothetical protein	832	60.215
9535	U83176	Mus musculus ROSA26AS	622	67.808
9536	L31840	Rattus norvegicus nuclear pore complex protein NUP107	1227	84.071
9537	AF155595	Homo sapiens CoREST protein	225	47.619
9538	L01042	Homo sapiens TATA element modulatory factor	1129	100.000
9539	Z93386	Unknown Similarity to Yeast hypothetical 52.9 KD protein (SW:P43616); cDNA EST EMBL:M89432 comes fr	180	38.889
9540	AL022393	Homo sapiens p373c6.2	605	52.151
9541	Z48475	Homo sapiens glucokinase regulator	1390	99.074
9542	Z30425	Homo sapiens orphan nuclear hormone receptor	573	98.734
9543	AB023191	Homo sapiens KIAA0974 protein	241	34.146
9544	AC002337	Arabidopsis thaliana G-beta-repeat containing	156	37.349
9545	AF109134	protein isolog	105	00 000
9545	K02401	Homo sapiens 7-60	195	80.000
9346	T V05401	Homo sapiens chorionic somatomammotropin	789	96.000

9547	X15187	Homo sapiens precursor polypeptide (AA -21 to	1315	99.057
		782)	ļ <u></u> .	
9548	AF129756	Homo sapiens NG32	839	100.000
9549	AF085279	Arabidopsis thaliana hypothetical protein	538	49.032
9550	U42208	Oryza sativa OSBZ8	82	64.706
9551	D78132	Homo sapiens ras-related GTP-binding protein	435	57.798
9552	AC004886	Homo sapiens C-terminus matches KIAA0559, N-	422	100.000
:		terminus similar to Bassoon protein; match to PID:q3043642; similar to PID:q3413810		
9553	A52806	unidentified unnamed protein product	677	83.186
9554	D50310	Homo sapiens cyclin I	245	55.556
9555	M63180	Homo sapiens threonyl-tRNA synthetase	729	44.492
9556	AC004382	Homo sapiens Unknown gene product	968	100.000
9557	AF099973	Mus musculus schlafen2	680	50.000
9558	D16200	Sus scrofa sp32 precursor	2428	82.118
9559	X74504	Mus musculus T10	1514	73.089
9560	AJ007970	Mus musculus interferon-g induced GTPase	168	87.500
9561	Z18946	Mycobacteriophage 15 predicted 21.3kd protein	120	31.624
9562	AB002819	Perilla frutescens actin	178	96.667
9563	AB011089	Homo sapiens KIAA0517 protein	986	94.118
9564	Z66521	Caenorhabditis elegans similar to	698	54.688
		mitochondrial RNA splicing MSR4 like protein;		
		cDNA EST EMBL:C09217 comes from this gene		
9565	AF005497	Bos taurus butyrophilin	655	43.421
9566	D14168	Bombyx mori 50kDa lectin	221	29.268
9567	AC004883	Homo sapiens similar to KIAA0766; similar to PID:g3882253	1418	96.413
9568	AB018340	Homo sapiens KIAA0797 protein	855	100.000
9569	X51760	Homo sapiens zinc finger protein (583 AA)	669	66.258
9570	AJ132889	Mus musculus kinesin like protein 9	537	86.667
9571	L38933	Homo sapiens the longest open reading frame	243	92.683
		predicts a protein of 202 amino acids, with		
		fair Kozak consensus at the initial ATG codon;		
		an in-frame TGA codon is seen at nucleotide 8; ORF; putative		
9572	U19617	Mus musculus Elf-1	1020	91.525
9573	AF022962	Mus musculus Sec8	748	98.333
9574	X96586	Homo sapiens FAN protein	1216	100.000
9575	Z74043	Caenorhabditis elegans predicted using	369	65.476
30.0	2,1010	Genefinder; cDNA EST EMBL:C13850 comes from		03.170
		this gene; cDNA EST EMBL:C11575 comes from		
		this gene; cDNA EST yk343f4.5 comes from this		
		gene		
9576	AF067855	Homo sapiens geminin	567	98.901
9577	Z83107	Unknown cDNA EST EMBL:D69907 comes from this	202	26.994
		gene; cDNA EST EMBL:C13424 comes from this		
		gene; cDNA		
9578	AB023187	Homo sapiens KIAA0970 protein	436	60.185
9579	X68249	Xenopus laevis Proline rich protein	983	66.376
9580	AF166261	Xenopus laevis nuclear protein Sojo	303	61.644
9581	AF056034	Rattus norvegicus F-actin binding protein b- Nexilin	625	93.269
9582	D13626	Homo sapiens KIAA0001	735	47.393
9583	AB020684	Homo sapiens KIAA0877 protein	427	69.880
9584	K02113	Unknown Gallus gallus vitellogenin	186	22.280
9585	L36315	Mus musculus zinc finger protein	925	97.727
9586	AJ001810	Homo sapiens mRNA cleavage factor I 25 kDa	265	100.000
	Z78542	subunit Unknown cDNA EST EMBL:D72182 comes from this	158	28.409
9587				

		gene; cDNA EST EMBL:D72353 comes from this		
9588	7.7067430	gene; cDNA	005	FO 140
	AF067430	Mus musculus Smarcel-related protein	895	52.140
9589	AL031266	Caenorhabditis elegans VM106R.1	242	46.237
9590	U23486	Caenorhabditis elegans similar to S.	323	64.407
.		cerevisiae zinc finger protein GCS1		
		(SP:GCS1_YEAST)		
9591	U00483	Macaca mulatta mucin	164	24.000
9592	X77953	Rattus norvegicus ribosomal protein S15a	257	78.431
9593	U80753	Homo sapiens CAGL79	1936	98.962
9594	D50919	Homo sapiens The KIAA0129 gene product is novel.	218	97.222
9595	M68864	Homo sapiens ORF	197	50.820
9596	AB023432	Rattus norvegicus aspartoacylase	261	50.769
9597	AC004997	Unknown match to ESTs AA667999 (NID:g2626700), AA165465 (NID:g1741481), Z45871 (NID:g575105), and	1762	71.131
9598	U29659	Human endogenous retrovirus pol gene product	626	100.000
9599	AF134726	Homo sapiens NG22	741	41.053
9600	X66405	Mus musculus collagen alphal type VI-	2251	92.837
		precursor		
9601	AF153366	Mus musculus tubulo-interstitial nephritis antigen	1246	50.578
9602	299118	Bacillus subtilis similar to hypothetical proteins	345	50.526
9603	AC004780	Homo sapiens F17127 1	186	82.759
9604	AC004849	Homo sapiens similar to KIAA0662; similar to	1459	94.286
		AB014562 (PID:g3327138)		
9605	X72012	Homo sapiens endoglin	479	82.609
9606	X05562	Homo sapiens alpha-2 chain precursor (AA -25 to 1018) (3416 is 2nd base in codon)	2224	100.000
9607	AL050272	Homo sapiens hypothetical protein	667	99.000
9608	X84692	Mus musculus spermatid perinuclear RNA binding protein	1617	98.387
9609	A31038	Nicotiana alata PRP3	161	40.323
9610	Z74042	Caenorhabditis elegans predicted using Genefinder; Similarity to Haemophilus 3-oxoacyl-(acyl-carrier protein) reductase (SW:FABG_HAEIN); cDNA EST yk470b2.3 comes from this gene; cDNA EST yk470b2.5 comes from this gene	266	43.000
9611	AJ010317	Fugu rubripes Sand	481	46.860
9612	Z47808	Unknown similar to beta-transducin; cDNA EST yk489h7.5 comes from this gene; cDNA EST yk399d9.5 com	1099	40.643
9613	V00639	Bacteriophage 434 reading frame (rex1 protein)	1128	100.000
9614	AB016816	Homo sapiens MASL1	336	36.032
9615	AF071317	Mus musculus COP9 complex subunit 7b	537	98.864
9616	AF182426	Rattus norvegicus arylacetamide deacetylase	755	42.748
9617	AB014557	Homo sapiens KIAA0657 protein	2375	100.000
9618	S69232	Homo sapiens electron transfer flavoprotein- ubiquinone oxidoreductase, ETF-QO {EC 1.5.5.1}	219	97.297
9619	AF123880	multiple sclerosis associated retrovirus element gag polyprotein	170	37.838
9620	AB020625	Homo sapiens butyrophilin like receptor	225	27.612
	U09367	Homo sapiens zinc finger protein ZNF136	1402	52.308
9621	009307			
			441	87.838
9621	AB014888 AF132726	Homo sapiens MRJ Mus musculus FLASH	441 665	87.838 88.793

9625	S83545	Homo sapiens Na+/H+ exchanger isoform NHE-3	260	97.500
9626	AF151904	Homo sapiens CGI-146 protein	208	96.552
9627	AF181645	Drosophila melanogaster BcDNA.GH12144	292	45.263
9628	AJ243895	Mus musculus basic-helix-loop-helix protein (bHLH)	417	66.364
9629	Z80223	Caenorhabditis elegans predicted using Genefinder	258	27.152
9630	U72661	Homo sapiens ninjurin1	356	56.190
9631	Y18265	Homo sapiens zinc finger protein SALL1	149	26.901
9632	AF111943	Dictyostelium discoideum development protein DG1124	196	45.614
9633	X56958	Homo sapiens ankyrin (brank-2)	580	98.936
9634	AL050231	Drosophila melanogaster BACR37P7.g	272	46.988
9635	AF080171	Homo sapiens zinc finger protein ZNF232	595	100.000
9636	AF005392	Homo sapiens alpha tubulin	519	90.588
9637	AF011566	Homo sapiens immunoglobulin-like transcript 4	136	35.000
9638	Z46935	Caenorhabditis elegans weak similarity with quinone oxidoreductase; cDNA EST EMBL:C13104 comes from this gene; cDNA EST yk264f3.5 comes from this gene	247	40.385
9639	U09367	Homo sapiens zinc finger protein ZNF136	207	33.835
9640	AC002339	Arabidopsis thaliana hypothetical protein	185	29.851
9641	Z22866	Mus musculus skelemin	573	74.603
9642	Z50028	Caenorhabditis elegans cDNA EST yk321h8.5 comes from this gene; cDNA EST EMBL:D68896 comes from this gene; cDNA EST yk395f9.5 comes from this gene; cDNA EST yk360f12.5 comes from this gene	616	33.793
9643	AF067211	Caenorhabditis elegans contains similarity to 26S protease subunit	194	27.219
9644	L12018	Caenorhabditis elegans putative	375	47.656
9645	AF054180	Homo sapiens hematopoietic cell derived zinc finger protein	573	70.492
9646	U19614	Rattus norvegicus lamina-associated polypeptide 1C	874	66.667
9647	U79260	Homo sapiens unknown	229	56.757
9648	U30883	Homo sapiens SRp55-1	1635	99.213
9649	U97667	Rattus norvegicus RSP29	248	42.045
9650	U64598	Caenorhabditis elegans weakly similar to S. cervisiae PTM1 precursor (SP:P32857)	285	26.531
9651	X74764	Homo sapiens protein-tyrosine kinase	3799	94.842
9652	AL032643	Caenorhabditis elegans similar to Uncharacterized protein family UPF0034, Double-stranded RNA binding motif; cDNA EST yk489b3.5 comes from this gene; cDNA EST yk439g7.5 comes from this gene	283	50.000
9653	AB018353	Homo sapiens KIAA0810 protein	668	100.000
9654	AF056618	Homo sapiens BWSCR2 associated zinc-finger protein BAZ2	273	53.571
9655	AB014593	Homo sapiens KIAA0693 protein	298	60.274
9656	AF073883	Danio rerio myotubularin related protein 2	134	33.871
9657	AF090133	Rattus norvegicus lin-7-A	474	98.684
9658	AF119668	Rattus norvegicus lipolysis-stimulated remnant receptor alpha' subunit	1383	85.897
9659	U37263	Homo sapiens KRAB zinc finger protein; Method: conceptual translation supplied by author	461	49.664
9660	U00017	Mycobacterium leprae pimT; B2126 C1 165	397	34.862
9661	U65092	Homo sapiens melanocyte-specific gene 1	301	91.667

		nuclear protein	T	T
9662	AF041378	Homo sapiens cell death activator CIDE-A	302	54.023
9663	AB017508	Bacillus halodurans truA homologue (identity of 62% to B. subtilis)	206	38.636
9664	L29162	Homo sapiens immunoglobulin light chain variable region	733	93.162
9665	AL096844	Streptomyces coelicolor A3(2) probable 3- oxacyl-(acyl-carrier-protein) reductase	165	36.111
9666	AJ010469	Arabidopsis thaliana RNA helicase	806	42.901
9667	Z14020	Nicotiana tabacum Pistil extensin like protein, partial CDS only	223	44.444
9668	AF044127	Homo sapiens peroxisomal short-chain alcohol dehydrogenase	195	100.000
9669	AL009193	Unknown /prediction=(method:""genefinder"", version:""084""); /prediction=(method:""genscan"", ve	178	39.286
9670	AC007228	Homo sapiens BC37295 1	407	96.970
9671	Z81109	Unknown predicted using Genefinder; cDNA EST EMBL:D71433 comes from this gene; cDNA EST EMBL:D74134	188	33.981
9672	D16226	Oryctolagus cuniculus one of the members of sodium-glucose cotransporter family	268	83.333
9673	D10631	Mus musculus zinc finger protein	230	44.776
9674	AL049943	Homo sapiens hypothetical protein	180	70.270
9675	AC009465	Arabidopsis thaliana unknown protein	192	50.000
9676	AF140675	Homo sapiens zinc metalloprotease ADAMTS7	371	41.436
9677	AL023781	Schizosaccharomyces pombe N-terminal acetyltransferase 1	237	49.351
9678	AF008554	Rattus norvegicus implantation-associated protein	478	82.955
9679	Z48334	Unknown similar to ribosomal protein L10 (QM protein); cDNA EST EMBL:T00732 comes from this gene; c	719	80.469
9680	X62639	Drosophila melanogaster hrp48.1	675	52.174
9681	AF053356	Homo sapiens nucleoporin	1484	96.087
9682	L00923	Mus musculus myosin I	1299	97.073
9683	M57547	Rattus norvegicus ER alpha-mannosidase	849	85.507
9684	D83776	Homo sapiens The KIAA0191 gene is expressed ubiquitously.; The KIAA0191 protein retains the C2H2 zinc-finger at its N-terminal region.	443	41.143
9685	Z68006	Caenorhabditis elegans K09C8.4	231	21.429
9686	U58728	Caenorhabditis elegans C54H2.1 gene product	239	31.884
9687	AF031903	Mus musculus ADP-ribosylation-like factor homolog ARL6	373	95.238
9688	AL117204	Caenorhabditis elegans Y116A8C.9	249	43.617
9689	AJ005821	Homo sapiens X-like 1 protein	410	79.452
9690	Z66524	Caenorhabditis elegans T13H5.6	150	30.928
9691	Z36715	Homo sapiens Net	420	92.537
9692	Y09501	Homo sapiens NADH-cytochrome-b5 reductase	347	79.730
9693	AL096768	Homo sapiens dJ858B16.2 (novel protein similar to hamster PSSC (Phosphatidylserine Decarboxylase Proenzyme, EC 4.1.1.65)	535	96.386
9694	AF160893	Drosophila melanogaster BcDNA.GM10765	272	45.745
9695	AL110477	Caenorhabditis elegans Y113G7B.24	184	34.211
9696	U94363	Homo sapiens glycogenin-2 beta	297	97.959
			335	47.872
9697	U79745	Homo sapiens monocarboxylate transporter homologue MCT6	333	47.072
9697	U79745 AC003682	homologue MCT6 Homo sapiens F18547 1	199	65.217

9700	AB011110	Homo sapiens KIAA0538 protein	801	83.448
9701	AB011110 AB018288	Homo sapiens KIAA0336 protein	1007	65.086
9702	AL031856	Schizosaccharomyces pombe putative DNA repair	241	38.542
3102	AL031030	and recombination protein	241	30.342
9703	Y00978	Homo sapiens PDC-E2 precursor (AA -54 to 561)	129	100.000
9704	AF017433	Homo sapiens putative transcription factor	522	69.159
3.01		CR53		
9705	M64488	Rattus norvegicus synaptotagmin II	967	85.882
9706	AF053368	Mus musculus lysyl oxidase-related protein 2	1035	90.244
9707	X85750	Homo sapiens expression associated with	450	68.966
		monocyte to macrophage differentiation		
9708	AB014566	Homo sapiens KIAA0666 protein	472	63.025
9709	AF126736	Homo sapiens ubiquitin processing protease	353	38.211
9710	U29244	Caenorhabditis elegans No definition line	379	39.860
		found		
9711	X67469	Mus musculus AM2 receptor	409	49.020
9712	AB018293	Homo sapiens KIAA0750 protein	1014	56.877
9713	AF006829	Coturnix coturnix slow myosin heavy chain 2	702	69.231
9714	U23484	Caenorhabditis elegans No definition line	582	52.201
07.5	1	found	1.60	
9715	Y00204	Xenopus laevis nucleoplasmin	468	53.147
9716	AF059569	Homo sapiens actin binding protein MAYVEN	329	67.089
9717	AJ002204	Zea mays polyamine oxidase	228	45.946
9718	U28831	Homo sapiens protein that is immuno-reactive with anti-PTH polyclonal antibodies	613	63.855
9719	AJ242723	Drosophila melanogaster hypothetical protein	209	49.254
9720	AF132480	Mus musculus Ese2 protein	990	94.839
9721	D63877	Homo sapiens KIAA0157 gene product is novel.	708	37.500
9722	U18771	Rattus norvegicus Rab26	215	57.143
9723	X58483	Pseudomonas putida urocanate hydratase	280	34.513
9724	AF067165	Homo sapiens zinc finger protein 3	547	98.765
9725	AL009195	Drosophila melanogaster EG:30B8.1	757	79.412
9726	A26182	Mus musculus beta3-adrenergic receptor	249	30.488
9727	AB018315	Homo sapiens KIAA0772 protein	222	94.444
9728	AL050306	Homo sapiens dJ475B7.1 (novel KIAA0615 and	272	75.000
		KIAA0323 LIKE protein)		
9729	AC007055	Homo sapiens unknown	570	35.593
9730	D86969	Homo sapiens similar to Human zinc-finger protein, BR140(P1:JC2069)	321	49.020
9731	U97006	Caenorhabditis elegans No definition line	172	67.568
		found		
9732	AB025258	Mus musculus granuphilin-a	1425	87.967
9733	AB029016	Homo sapiens KIAA1093 protein	295	40.559
9734	U96174	Onchocerca volvulus OvB8	509	39.908
9735	AF151824	Homo sapiens CGI-66 protein	379	74.157
9736	X80754	Homo sapiens GTP-binding protein	968	100.000
9737	AL009066	Caenorhabditis elegans Similarity with Human	172	36.709
		adenylate kinase KAD protein (PIR Acc. No. A33508); cDNA EST yk265c3.5 comes from this		
		gene; cDNA EST yk265c3.3 comes from this gene	<u> </u>	
9738	AB011167	Homo sapiens KIAA0595 protein	270	100.000
9739	AF090326	Mus musculus AE-1 binding protein AEBP2	1535	97.788
9740	AB014558	Homo sapiens KIAA0658 protein	830	100.000
9741	Z84476	Homo sapiens dJ25J6.2 (zinc finger protein)	280	28.877
9742	AB020629	Homo sapiens KIAA0822 protein	355	58.511
9743	Z75550	Unknown limited similarity with some myosins; cDNA EST EMBL:C08402 comes from this gene;	208	29.333
		CDNA EST EMBL: C08402 Comes from this gene;		
9744	AC003682	Homo sapiens F18547 1	212	74.419
				

9745	D10923	Homo sapiens HM74	1065	94.410
9746	U40419	Caenorhabditis elegans No definition line	962	47.416
		found		
9747	U42436	Caenorhabditis elegans C49H3.6 gene product	290	35.616
9748	X78898	Saccharomyces cerevisiae N1342	892	48.252
9749	AF069291	Homo sapiens hT41	505	65.179
9750	L15309	Homo sapiens zinc finger protein	242	87.805
9751	U53421	Sus scrofa betaine-homocysteine methyltransferase	297	82.000
9752	AF173867	Homo sapiens DNA binding protein p79PIF	763	92.481
9753	AF070530	Homo sapiens unknown	160	46.053
9754	Z12017	Caenorhabditis elegans predicted using	377	33.453
		Genefinder; basic-rich; cDNA EST yk328f6.3 comes from this gene; cDNA EST yk328f6.5 comes from this gene; cDNA EST yk393c3.5 comes from this gene; cDNA EST yk641d11.3 comes from this gene		
9755	D87438	Homo sapiens Similar to a C.elegans protein in cosmid C14H10	3322	100.000
9756	AL034364	Caenorhabditis elegans cDNA EST yk255b9.3 comes from this gene; cDNA EST yk255b9.5 comes from this gene; cDNA EST EMBL:M75923 comes from this gene	719	30.582
9757	AF170301	Mus musculus nuclear body associated kinase la	702	94.595
9758	AF026565	Mus musculus ring finger protein	170	47.368
9759	Y08134	Homo sapiens acid sphingomyelinase-like phosphodiesterase	1362	100.000
9760	AF056116	Fugu rubripes unknown	252	79.545
9761	M96629	Canis familiaris homologue to sec61	691	96.262
9762	AF125385	Drosophila melanogaster L82B	188	42.667
9763	AL022603	Arabidopsis thaliana hypothetical protein	214	28.426
9764	U19729	Saccharomyces cerevisiae Ylr409cp	183	36.082
9765	AB003930	Homo sapiens rap1GAPII	370	45.985
9766	Z95397	Schizosaccharomyces pombe Thslp	308	26.780
9767	AJ007012	Mus musculus Fish protein	740	78.295
9768	U23037	Oryctolagus cuniculus eIF-2Bepsilon	631	88.679
9769	J05499	Rattus norvegicus L-glutamine amidohydrolase	1770	95.307
9770	L14684	Rattus norvegicus elongation factor G	709	85.606
9771	U00051	Caenorhabditis elegans coded for by C. elegans cDNA yk50b2.5; coded for by C. elegans cDNA CEESV26F; similar to lipases over a short region	192	35.922
9772	D89340	Rattus norvegicus dipeptidyl peptidase III	806	99.187
9773	AB023189	Homo sapiens KIAA0972 protein	332	58.333
9774	AF022789	Homo sapiens ubiquitin hydrolyzing enzyme I	839	91.729
9775	AF139185	Rattus norvegicus myomegalin	269	65.152
9776	AC003682	Homo sapiens F18547_1	206	45.833
9777	D10884	Bos taurus neurocalcin	595	100.000
9778	D63876	Homo sapiens KIAA0154 gene product is related to mouse gamma adaptin.	657	76.923
9779	M15888	Bos taurus endozepine-related protein precursor	489	39.698
9780	AJ011033	Mus musculus KCC2 protein	900	97.761
9781	AF160973	Homo sapiens p53 inducible protein	1474	100.000
9782	Z81547	Caenorhabditis elegans predicted using Genefinder	194	36.036
9783	AJ011855	Homo sapiens PAK4 protein	265	63.333
9784	X87143	Helianthus annuus cytochrome b5 containing	173	42.105
		fusion protein	<u> </u>	

9785	AC005328	Homo sapiens R26660 1, partial CDS	623	98.925
9786	U85494	Zea mays LON1 protease	325	27.019
9787	M96625	Gallus gallus cardiac muscle tensin	687	60.326
9788	AF020351	Homo sapiens NADH:ubiquinone oxidoreductase 18 kDa IP subunit	177	90.909
9789	AB002354	Homo sapiens KIAA0356	445	87.500
9790	Z73423	Caenorhabditis elegans cDNA EST EMBL:Z14908 comes from this gene; cDNA EST EMBL:M89403 comes from this gene; cDNA EST EMBL:T00022 comes from this gene	435	46.512
9791	AL032657	Unknown predicted using Genefinder; similar to DnaJ domain; Thioredoxin; cDNA EST yk433f3.5 come	960	37.945
9792	AB003503	Mus musculus Guanine Nucleotide Regulatory Protein	622	71.053
9793	U51000	Mus musculus DLX-1	1344	99.515
9794	U09367	Homo sapiens zinc finger protein ZNF136	429	69.149
9795	AB004664	Mus musculus Rab33B	859	94.815
9796	Z98601	Schizosaccharomyces pombe zinc finger protein	236	27.778
9797	AB017016	Homo sapiens p25 alpha	213	91.667
9798	X82018	Homo sapiens ZID, zinc finger protein with interaction domain	768	96.032
9799	Z97055	Homo sapiens dJ388M5.3 (Sulfotransferase (sulfokinase, EC 2.8.2.1) like protein)	1395	100.000
9800	AF030131	Mus musculus Plenty of SH3s; POSH	1571	94.017
9801	U35113	Homo sapiens metastasis-associated gene	785	73.446
9802	U25842	Saccharomyces cerevisiae Similar to several members of the Cdc48/Pas1/Sec18 family of proteins (Swiss Prot. accession numbers P25694, P24004, P18759)	165	31.507
9803	AF033566	Mus musculus cdc2/CDC28-like protein kinase 4	686	93.684
9804	AC007193	Homo sapiens Putative homolog of hypoxia inducible factor three alpha	1917	99.653
9805	U60644	Homo sapiens HU-K4	285	39.695
9806	S73488	Rattus sp. zinc finger transcription factor, Kid-1 {KRAB A and B regions}	267	62.500
9807	Z81135	Unknown cDNA EST yk345g1.5 comes from this gene; cDNA EST yk496a3.3 comes from this gene; cDNA EST	156	38.272
9808	U63818	Xenopus laevis RING finger protein	493	31.641
9809	AB002377	Homo sapiens KIAA0379	506	81.633
9810	S71659	Mus sp. LIM-type homeodomain=Gsh-4 {C-terminal}	398	93.651
9811	L15313	Caenorhabditis elegans putative	1088	58.885
9812	AB032904	Hylobates syndactylus dopamine receptor D4	216	31.206
9813	Z82215	Homo sapiens dJ6802.2	2663	100.000
9814	AF180919	Homo sapiens RNA lariat debranching enzyme	2176	100.000
9815	AF155105	Homo sapiens putative zinc finger protein NY-REN-34 antigen	348	38.235
9816	X79510	Homo sapiens protein-tyrosine-phosphatase	485	100.000
9817	AF077000	Rattus norvegicus protein tyrosine phosphatase TD14	879	99.265
9818	AF050182	Mus musculus PERIOD 3	518	63.830
9819	X79828	Mus musculus NK10	368	65.000
9820	AF002714	Homo sapiens centromere protein B; CENP-B	182	31.532
9821	AB011146	Homo sapiens KIAAO574 protein	278	100.000
9822	AF161181	Mus musculus P55T protein	252	97.619
9823	Z83760	Ciona intestinalis COS41.4	324	66.667
9824	X96973	Mus musculus Lasp-1	800	84.127

0025	70003453	Home capione Dan2 interesting protein, similar	819	98.387
9825	AC002457	Homo sapiens Rap2 interacting protein; similar to U73941 (PID:g1916018)	819	98.387
9826	AF008915	Homo sapiens EVI-5 homolog	839	77.711
9827	Y18881	Mus musculus midline 2 protein	311	29.064
9828	Z38062	Saccharomyces cerevisiae orf, len: 432, CAI:	218	47.059
		0.15 similar to dnaJ proteins		
9829	AF053970	Homo sapiens outer dense fiber protein 2/2	260	100.000
9830	Z83123	Caenorhabditis elegans T04A11.2	405	49.275
9831	AF030558	Rattus norvegicus phosphatidylinositol 5-	1106	95.322
		phosphate 4-kinase gamma		
9832	AF084530	Homo sapiens cyclin-D binding Myb-like protein	883	100.000
9833	X99145	Canis familiaris overexpressed in thyroid	736	53.646
		tissue after TSH stimulation		
9834	AB029025	Homo sapiens KIAA1102 protein	464	46.023
9835	M20823	Mus musculus mdm-1	1013	75.000
9836	U41534	Caenorhabditis elegans similar to yeast MAK16	644	59.864
		protein (SP:MK16_YEAST,P10962)	1	
9837	AB007869	Homo sapiens KIAA0409	300	68.571
9838	D14076	Rattus norvegicus testicular dynamin	701	99.091
9839	AF109907	Homo sapiens S164	1178	100.000
9840	AB014536	Homo sapiens KIAA0636 protein	400	50.794
9841	AL031667	Homo sapiens dJ620E11.le (novel Helicase C-	913	100.000
		terminal domain and SNF2 N-terminal domains		
		containing protein, similar to KIAA0308)		
9842	U33821	Homo sapiens tax1-binding protein TXBP151	869	33.190
9843	AL080080	Homo sapiens hypothetical protein	1065	100.000
9844	AF168362	Rattus norvegicus protein associating with	1052	79.888
0045	7750000	small stress protein PASS1		05.011
9845	U58280	Mus musculus second largest subunit of RNA	832	85.211
9846	AF119569	polymerase I Homo sapiens patched 2	176	89.286
9847	M35297	Rattus norvegicus G-protein coupled receptor	477	89.333
9848	X83226	Saccharomyces cerevisiae global	734	49.057
7040	X03220	transcriptional regulator	/ 34	49.037
9849	AB007872	Homo sapiens KIAAO412	175	90.000
9850	D29640	Homo sapiens KIAA0051	548	75.000
9851	AL080125	Homo sapiens hypothetical protein	473	64.103
9852	AF041207	Homo sapiens midline 1 cerebellar isoform 2	190	28.276
9853	AB029334	Halocynthia roretzi HrPET-1	350	42.857
9854	AB011370	Mus musculus Ankhzn	1122	91.237
9855	AL117407	Homo sapiens hypothetical protein	442	47.468
9856	AF125053	Homo sapiens pyruvate dehydrogenase El alpha	169	100.000
		subunit		
9857	U97191	Caenorhabditis elegans No definition line	276	46.316
		found		
9858	X71997	Rattus norvegicus myosin I	1848	63.699
9859	AJ012409	Homo sapiens hypothetical protein	211	93.750
9860	AB000776	Rattus norvegicus semaphorin Z	424	87.671
9861	Z27080	Unknown cDNA EST EMBL: D33198 comes from this	345	55.422
		gene; cDNA EST EMBL:D32867 comes from this		
		gene; cDNA		
9862	AF027514	Homo sapiens zinc finger protein	791	99.174
9863	278019	Unknown Similarity to Yeast LPG22P protein	1006	75.258
1		(TR:G1151240); cDNA EST EMBL:T00686 comes from		
0061	25051155	this gene		1
9864	AF051155	Rattus norvegicus G beta-like protein GBL	1358	80.934
9865	L28174	Acanthamoeba castellanii disulfide-like	349	45.794
9866	AL096857	protein	1000	00 101
3000	ערמספטע	Homo sapiens hypothetical protein	1028	98.101

9867	Z98531	Schizosaccharomyces pombe hypothetical protein	184	38.158
9868	Z92669	Mycobacterium tuberculosis hypothetical	166	31.858
		protein Rv0235c		
9869	U96781	Homo sapiens Ca2+ ATPase of fast-twitch	1370	99.539
		skeletal muscle sacroplasmic reticulum,		
		neonatal isoform		
9870	L13687	Homo sapiens ADP-ribosylation factor-like	390	37.838
30,0	1223007	protein 2	330	37.030
9871	U26358	Rattus norvegicus S100Al gene product	167	36.585
	AB026190		1	
9872	1	Homo sapiens Kelch motif containing protein	1392	43.254
9873	AB000199	Rattus norvegicus CCA2 protein	306	82.143
9874	AC003682	Homo sapiens F18547 1	223	74.419
9875	269902	Unknown predicted using Genefinder; cDNA EST	595	32.419
		EMBL:D27579 comes from this gene; cDNA EST	1	
		EMBL: D64778		
9876	AB011527	Rattus norvegicus MEGF1	353	69.620
9877	U69262	Mus musculus matrilin-2 precursor	276	73.016
9878	AF168418	Homo sapiens activating signal cointegrator 1	221	97.059
9879	U40342	Mus musculus ninein	2234	89.390
9880	AF016430	Caenorhabditis elegans contains similarity to	184	37.647
3000	111010130	a BR-C/TTK domain	104	37.047
9881	AL031685	Homo sapiens dJ963K23.2 (novel protein)	276	41.304
9882	AF073879		382	87.302
		Mus musculus myotubularin homologous protein 1		
9883	L14745	Caenorhabditis elegans homology with glucose	328	29.944
222		induced repressor, GRR1; putative	L	
9884	AF036705	Unknown Similar to phytoene desaturase; coded	664	50.971
		for by C. elegans cDNA CEESX74F; coded for by		
		C. el	1	
9885	AC004890	Homo sapiens similar to zinc finger proteins;	514	84.375
		similar to BAA24380		
9886	AJ243591	Xenopus laevis hnRNP-E2 protein	694	83.594
9887	Z19153	Unknown similar to Sodium/phosphate	710	43.882
		transporter; cDNA EST EMBL: D67894 comes from		
		this gene; cDNA ES		
9888	AL022157	Homo sapiens SPIN (SPINDLIN HOMOLOG (PROTEIN	274	72.000
		DXF34))		,2.00
9889	U29096	Caenorhabditis elegans coded for by C. elegans	354	39.548
3003	023030	cDNA yk44f2.5; similar to P59 protein (HSP	33.	33.310
		binding immunophilin) and to TPR domain		
9890	AF016452	Caenorhabditis elegans similar to 1-acyl-	327	44.792
3030	AFUIU432	glycerol-3-phosphate acyltransferases	321	44.792
9891	70004557		F 2 2	20.760
	AC004557	Arabidopsis thaliana F17L21.21	523	39.768
9892	AF003136	Caenorhabditis elegans F28B3.4	184	42.353
9893	X52022	Homo sapiens collagen type VI, alpha 3 chain	244	74.510
9894	L20303	Gallus gallus actin filament-associated	666	45.387
		protein	ļ	
9895	D80009	Homo sapiens KIAA0187	338	88.333
9896	Z46242	Unknown similar to beta-transducin; cDNA EST	869	50.871
	İ	EMBL: Z14703 comes from this gene; cDNA EST		
		EMBL: D67532		
9897	AB012725	Mus musculus zinc finger protein	483	91.429
9898	AJ001693	Drosophila melanogaster PRUNE protein	502	36.071
9899	AJ235271	Rickettsia prowazekii PUTATIVE ENOYL-	419	46.825
2022	1.0233271	REDUCTASE (fabl)	"1"	30.025
9900	D79983	Homo sapiens There is a C3HC4 zinc-finger in	201	54.348
9900	د وووال		381	34.348
0001	1105044	the C-terminal region.	300	06 201
9901	U95044	Homo sapiens zinc finger protein	396	86.301
9902	D90899	Synechocystis sp. hypothetical protein	251	34.884
9903	AB016496	Mus musculus intelectin	791	76.510

9906 AP022891 Drosophila melanogaster FUZZY 9906 AP095751 Homo sapiens RING finger protein 9907 AF156271 Homo sapiens RING finger protein terf 9908 AF039569 Homo sapiens RING finger protein terf 9908 AF039569 Homo sapiens actin binding protein MAYVEN 9908 AF039569 Homo sapiens actin binding protein MAYVEN 9910 AF039569 Homo sapiens actin binding protein MAYVEN 9910 AF039569 Homo sapiens actin binding protein MAYVEN 9911 AF05893 Mus musculus M-RdgB2 retinal degeneration 9911 AF05893 Mus musculus M-RdgB2 retinal degeneration 9912 D95044 Homo sapiens zinc finger protein 9913 U60666 Homo sapiens stestis specific leucine rich 9914 AB018374 Mus musculus GARP45 9915 Z68014 Caenorhabditis elegans Similarity to Human DRA 9916 Z82095 Caenorhabditis elegans Similarity to Human DRA 9917 AL022238 Homo sapiens BHR or GLGF); cDNA 9918 AC005328 Homo sapiens ABR or GLGF); cDNA 9919 AC005328 Homo sapiens R26660 1, partial CDS 9920 X14549 Chamydomonas reinhardtil spoke protein 9921 AF117610 Mus musculus inner centromere protein INCENP 9922 AF161835 Homo sapiens R26660 1, partial CDS 9923 L14745 Caenorhabditis elegans coded for by C. elegans 9924 AF161835 Homo sapiens KIRA0405 9925 AF161835 Homo sapiens KIRA0405 9926 AF175969 Ratus norvegicus Leman coiled-coil protein 9927 AF17610 Mus musculus inner centromere protein INCENP 9928 Mono sapiens KIRA0405 9929 AF0747 Homo sapiens KIRA0405 9929 AF075969 Ratus norvegicus Leman coiled-coil protein 9920 M3931 Homo sapiens KIRA0405 9921 M50747 Homo sapiens M12-l protein 9923 Homo sapiens M2-l protein 9934 M507683 Homo sapiens KIRA0405 9935 Homo sapiens M2-l protein 9936 M605348 Mus musculus TIS 9939 M60548 Mus musculus TIS 9930 M60549 Ratus norvegicus Leman coiled-coil protein 9931 R607369 Ratus norvegicus Leman coiled-coil protein 9931 R607369 R60747 Homo sapiens CGGR3 9931 Homo sapiens M2-l protein 9932 AF0755 Caenorhabditis elegans protein 9933 R6070736 Homo sapiens M2-l protein 9934 M60768 R6078 Homo sapiens M6078 Homo sapiens M6078 Homo sapiens M6078 Homo sapiens M6078 Homo sapiens M6	9904	X03342	Homo sapiens rpL32 (aa 1-135)	172	84.375
9906 AL096751 Homo sapiens hypothetical protein 1004 100.009 9907 AF156271 Homo sapiens RING finger protein terf 196 77.109 9908 AB014561 Homo sapiens KIAA0661 protein 462 65.766 9909 AF059569 Homo sapiens actin binding protein MAYVEN 253 46.667 9910 AF019082 Borrelia burgdorferi virulent strain 249 26.506 9911 AF058693 Mus musculus M-Rdg82 retinal degeneration 335 94.118 9912 U95044 Homo sapiens zinc finger protein 675 69.677 9913 U60666 Homo sapiens testis specific leucine rich 225 33.155 9914 AB018374 Mus musculus GARP45 647 51.915 9915 Z68014 Caenorhabditis elegans Similarity to Human DRA 291 43.333 9916 Z32095 Caenorhabditis elegans Similarity to Human DRA 291 43.333 9916 Z32095 Caenorhabditis elegans similar to PDZ domain 413 53.390 9917 AL022238 Homo sapiens accessed of the protein 428 46.207 9918 AC005328 Homo sapiens R26660 partial DDS 169 72.222 9919 AC007369 Arabidopsis thaliana Putative RNA helicase 315 41.667 9920 X14549 Chlamydomonas reinhardtil spoke protein 428 46.207 9921 AF11610 Mus musculus inner centromere protein INCENP 570 79.798 9922 AF151835 Homo sapiens acondative legans coded for by C. elegans CNA Genbank: CEL1604 (M89109); putative 266 53.731 9924 AB007865 Homo sapiens ARA0405 266 53.731 9925 AF15969 Rattus norvegicus Leman coiled-coil protein 371 39.181 9927 U80747 Homo sapiens COG37 homolog 181 37.079 9939 W63131 Homo sapiens COG37 homolog 181 37.079 9930 W63131 Homo sapiens COG37 homolog 181 37.079 9931 AC002131 Arabidopsis thaliana Putative map kinase interacting 2718 60.000 9933 AC00136 Homo sapiens Schill (M89109); putative 266 53.731 9934 Z7975 Caenorhabditis elegans predicted using Genefinder Finger protein 181 37.079 9935 AC00131 Homo sapiens Schill (M89109); putative 370 370 370 9936 W18 W18					
9907 AF156271 Homo sapiens RING finger protein terf 196 77.419 9908 AB014561 Homo sapiens KIAN0661 protein 462 65.766 9909 AF059569 Homo sapiens actin binding protein MAYVEN 253 46.667 9910 AF019082 Borrelia burgdorferi virulent strain 249 26.506 9911 AF058693 Massiens actin binding protein MAYVEN 253 46.667 9912 U95044 Romo sapiens Linc finger protein 435 94.118 9912 U95044 Romo sapiens Linc finger protein 435 34.118 9913 U60666 Romo sapiens testis specific leucine rich 225 33.155 9914 AB018374 Mus musculus GRRP45 647 51.915 9915 Z68014 Caenorhabditis elegans Similarity to Human DRA 291 43.333 9916 Z82095 Caenorhabditis elegans Similarity to Human DRA 291 43.333 9917 AL022238 Homo sapiens GIGF) : CONA EST EMBL.MYS803 comes from this gene 9919 AC05328 Homo sapiens R26660 partial CDS 169 72.222 9919 AC09328 Homo sapiens R26660 partial CDS 169 72.222 9919 AC09328 Homo sapiens R26660 partial CDS 169 72.222 9919 AC09369 Arabidopsis thaliana Putative RNA helicase 315 16.667 9920 X14549 Chlamydomonas reinhardtii spoke protein 428 46.207 9921 AF17610 Mus musculus inner centromere protein INCENP 570 97.978 9922 AF151835 Homo sapiens CGI-78 protein 248 100.000 9923 L14745 Caenorhabditis elegans coded for by C. elegans 278 30.808 9924 AB007865 Homo sapiens CGI-78 protein 371 39.181 9925 X90840 Homo sapiens CGI-78 protein 371 39.181 9926 AF175969 Rattus norvegicus Leman coiled-coil protein 371 39.181 9927 U80747 Homo sapiens CAGH3 188 34.375 9928 SC557 Drosophila melanogaster, Peptide, 753 aa 186 54.902 9931 D86728 Mus musculus TIS 219 86.842 9932 X67683 Homo sapiens DRO37 homolog 181 37.079 9933 AC002131 Homo sapiens Putative map kinase interacting 2718 100.000 9934 Z9755 Caenorhabditis elegans predicted using Genefinder 377 35.979 9935 AC002131 Homo sap					
9908 AB014561 Homo sapiens KIAA0661 protein 462 55.766 9909 AF059569 Bornelia burgdorferi virulent strain 249 26.506 9910 AF059693 Mus musculus MarRdgB2 retinal degeneration 435 94.118 9911 AF058693 Mus musculus MarRdgB2 retinal degeneration 435 94.118 9912 U95044 Homo sapiens zinc finger protein 675 69.677 9913 U60666 Homo sapiens testis specific leucine rich 225 33.155 9914 AB018374 Mus musculus GARP45 647 51.995 9915 Z6014 Caenorhabditis elegans Similarity to Human DRA 21 43.333 9916 Z82095 Caenorhabditis elegans similar to PDZ domain 413 53.339 916 Z82095 Caenorhabditis elegans Similarity to Human DRA 21 41.414 9916 Z82095 Caenorhabditis elegans Similarity to Human DRA 21 41.414 9916 Z82095 Caenorhabditis elegans Similarity to Human DRA 21 41.414 9917					
3999 AF059569 Homo sapiens actin binding protein MAYVEN 253 46.667					
Page					
associated lipoprotein					
Section	JJ10	ALOIJOUZ		247	20.300
protein B subtype 2	9911	AF058693	Mus musculus M-RdgR2 retinal degeneration	435	94 118
9912 U95044 Homo sapiens zinc finger protein 675 69,677 9913 U6066 Homo sapiens testis specific leucine rich repeat protein 225 33.155 9914 AB018374 Mus musculus GARP45 647 51.915 9915 Z68014 Caenorhabditis elegans Similarity to Human DRA protein (SW:DRA HUMAN) 413 53.390 9916 Z82095 Caenorhabditis elegans similar to PDZ domain (Also known as DHR or GLGF); cDNA EST EMBL:M75803 comes from this gene 413 53.390 9917 AL022238 Homo sapiens dJ1042K10.3 (novel protein) 221 41.414 9918 AC007369 Arabidopsis thaliana Putative RNA helicase 315 41.667 9921 AF117610 Mus musculus inner centromere protein INCENP 70 79.798 9922 AF151835 Homo sapiens CGI-78 protein 248 100.000 9923 L71475 Caenorhabditis elegans coded for by C. elegans 2066 53.731 9924 AB007865 Homo sapiens KIAA0405 266 53.731 9925 X90840 Homo sapiens ScAGHB 188 34.375	JJ11	A1 030033		433	34.110
9914 AB018374 Mus musculus GARP45 Mus musculus GARP45 AB018374 Mus musculus GARP45 Gaenorhabditis elegans Similarity to Human DRA 291 43.333 43.333 Gaenorhabditis elegans Similar to PDZ domain Also known as DHR or GLGP CDNA EST EMBL:MY5803 comes from this gene Musculus GARP45 Musculus GARP45 AL022238 Homo sapiens dJ1042K10.3 (novel protein) 221 41.414 9918 AC005328 Homo sapiens R26660 partial CDS 169 72.222 9919 AC007369 Arabidopsis thaliana Putative RNA helicase 315 41.667 9920 X14549 Chlamydomonas reinhardtii spoke protein 428 46.207 9921 AF117610 Mus musculus inner centromere protein INCEMP 570 79.798 79.222 AF117610 Musculus inner centromere protein INCEMP 570 79.798 AB007865 Homo sapiens CGI-78 protein 248 100.000 248 AB007865 Homo sapiens KIAA0405 266 53.731 2660 AF175969 Rattus norvegicus Leman coiled-coil protein 371 39.181 3927 808747 Homo sapiens CAMB 383 31.299 3928 S62597 Drosophila melanogaster, Peptide, 753 aa 186 23.757 neu-neuralized Non sapiens Miz-1 protein 338 31.299 3931 B6728 Mus musculus TIS 219 86.842 3933 AC007136 Homo sapiens Putative Mag kinase 27975 Caenorhabditis elegans predicted using Kinase 27975 Caenorhabditis elegans predicted using Arabidopsis thaliana Contains similarity to hypothetical protein 2718 100.000 27975 Caenorhabditis elegans predicted using 377 35.979 3775 Ac002131 Arabidopsis thaliana Contains similarity to hypothetical protein 2818 341 67.416 377 37.913 377 3	9912	1195044		675	69 677
repeat protein G477 51.915					
9915 AB018374 Mus musculus GARP45 647 51.915 9916 268014 Caenorhabditis elegans Similarity to Human DRA protein (SW:DRA HUMAN) 43.333 9916 Z82095 Caenorhabditis elegans similar to PDZ domain (Also known as DHR or GLGP:); cDNA EST EMBL:MY5803 comes from this gene 41.3 53.390 9917 AL022238 Homo sapiens dJ1042K10.3 (novel protein) 221 41.414 9918 AC005328 Homo sapiens RZ6660 1, partial CDS 169 72.222 9919 AC007369 Arabidopsis thaliana Putative RNA helicase 315 41.667 9920 X14549 Chlamydomonas reinhardtii spoke protein 428 46.207 9921 AF117610 Mus musculus inner centromere protein INCENP 570 79.798 9922 AF151835 Homo sapiens CGI-78 protein 248 100.000 9923 L14745 Caenorhabditis elegans coded for by C. elegans CDNA GenBank:CEL1604 (M89109); putative 266 53.731 9924 AB007865 Homo sapiens REAGHAUTO 266 53.731 9925 X90840 Homo sapiens Somal transporter of sy	JJ13	000000		223	33.133
9915 Z68014 Caenorhabditis elegans Similarity to Human DRA protein (SW:DRA HUMAN) 9916 Z82095 Caenorhabditis elegans similar to PDZ domain (Also known as DHR or GLGF).; cDNA EST EMBL:M7503 comes from this gene 9917 AL022238 Homo sapiens dJ1042K10.3 (novel protein) 221 41.414 1918 AC005328 Homo sapiens R26660 1, partial CDS 169 72.222 1919 AC007369 Arabidopsis thaliana Putative RNA helicase 315 41.667 1920 X14549 Chlamydomonas reinhardtii spoke protein 428 46.207 7921 AF117610 Mus musculus inner centromere protein INCENP 570 79.798 1922 AF151835 Homo sapiens CG1-78 protein 248 100.000 cannot be compared to the com	9914	AB018374		647	51 915
Protein (SW:DRA HUMAN)					
Section Sect	,,,,	200011			13.333
Also known as DHR or GLGF).; cDNA EST	9916	282095		413	53 390
EMBL:M75803 comes from this gene 21 41.414 9918 AC005328 Homo sapiens R26660 1, partial CDS 169 72.222 9919 AC007369 Arabidopsis thaliana Putative RNA helicase 315 41.667 9920 X14549 Chlamydomonas reinhardtii spoke protein 428 46.207 9921 AF117610 Mus musculus inner centromere protein INCENP 570 79.798 9922 AF151835 Homo sapiens CGI-78 protein 248 100.000 9923 L14745 Caenorhabditis elegans coded for by C. elegans 278 30.808 CDNA GenBank:CEL16D4 (M89109); putative 266 53.731 9924 AB007865 Homo sapiens KIAA0405 266 53.731 9925 X90840 Homo sapiens axonal transporter of synaptic 2660 100.000 9926 AF175969 Rattus norvegicus Leman coiled-coil protein 371 39.181 9927 U80747 Homo sapiens CAGH3 188 34.375 9928 S62597 Drosophila melanogaster, Peptide, 753 aa 186 23.757 9929 U63131 Homo sapiens CDC37 homolog 181 37.079 9930 Y09723 Homo sapiens CDC37 homolog 181 37.079 9931 N86728 Mus musculus TIS 219 86.842 9932 X67683 Homo sapiens keratin K4a 824 100.000 9934 Z79755 Caenorhabditis elegans predicted using Kinase 40.000 9935 AC007136 Homo sapiens baltive map kinase interacting 186 54.902 9936 Woods Caenorhabditis elegans predicted using 60.000 9937 AL021918 Homo sapiens baltive map kinase interacting 186 54.902 9938 AB005541 Arabidopsis thaliana Contains similarity to hypothetical protein C18b11.05 gb1Z50728 from hypothetical protein C18b11.05 gb1Z50728 from hypothetical protein C18b11.05 gb1Z50728 from hypothetical protein C18b11.05 gb1Z50728 from hypothetical protein C18b11.05 gb1Z50728 from hypothetical protein C18b11.05 gb1Z50728 from hypothetical protein C18b11.05 gb1Z50728 from hypothetical protein C18b11.05 gb1Z50728 from hypothetical protein C18b11.05 gb1Z50728 from hypothetical protein C18b11.05 gb1Z50728 from hypothetical protein C18b11.05 gb1Z5072	3310	202033		113	33.330
9917 AL022238 Homo sapiens dJ1042K10.3 (novel protein) 221 41.414 9918 AC005328 Homo sapiens R26660 1, partial CDS 169 72.222 9919 AC007369 Arabidopsis thaliana Putative RNA helicase 315 41.657 9920 X14549 Chlamydomonas reinhardtii spoke protein 428 46.207 9921 AF117610 Mus musculus inner centromere protein INCENP 570 79.798 9922 AF151835 Homo sapiens CGT-78 protein 248 100.000 9923 L14745 Caenorhabditis elegans coded for by C. elegans 278 30.808 0924 AB007865 Homo sapiens KIAA0405 266 53.731 9925 X90840 Homo sapiens KIAA0405 266 53.731 9926 AF175969 Rattus norvegicus Leman coiled-coil protein 371 39.181 9927 U80747 Homo sapiens CAGH3 188 34.375 9928 S62597 Drosophila melanogaster, Peptide, 753 aa 186 23.757 9929 U63131 Homo sapiens Mus-1 protein 838 31.299 9930 Y09723 Homo sapiens Mus-1 protein 838 31.299 9931 D86728 Mus musculus TIS 219 86.842 9932 X67683 Homo sapiens keratin K4a 824 100.000 8934 Z79755 Caenorhabditis elegans predicted using Genefinder 370.000 9935 AC002131 Arabidopsis thaliana Contains similarity to hypothetical protein 184) 9936 W00050 Caenorhabditis elegans predicted using Genefinder 370 35.979 9937 AL02198 Homo sapiens b3418.1 (Kruppel related Zinc Tring Spill Finger protein 184) 9938 AB005541 Rattus rattus PCTAIRE3 341 67.416 9939 AC007136 Homo sapiens b3418.1 (Kruppel related Zinc Tring Spill Finger protein 184) 9930 W100050 Caenorhabditis elegans No definition line 377 35.979 9930 W100050 Caenorhabditis elegans No definition line 377 35.979 9930 W100050 Caenorhabditis elegans No definition line 377 35.979 9930 W100050 Caenorhabditis elegans No definition line 377 35.979 9931 AL02198 Homo sapiens b3418.1 (Kruppel related Zinc Tring Spill Homo sapiens Spill Homo Spill Relative Tring Protein 184) 9932 AB0050541 Rattus rattus PCTAIRE3 341 67.416 9933 AB005541 Rattus rattus PCTAIRE3 341 67.416 9934 AB00767 Arabidopsis thaliana T10024.10 364 61.905 9944 AB00767 Arabidopsis thaliana T10024.10 364 61.905 9944 AB00767 Arabidopsis thaliana T10024.10 368 64 61.905		1	EMBL: M75803 comes from this gene		
9918 AC005328 Homo sapiens R26660 1, partial CDS 169 72.222 9919 AC007369 Arabidopsis thaliana Putative RNA helicase 315 41.667 9920 X14549 Chlamydomonas reinhardtii spoke protein 428 46.207 9921 AFI17610 Mus musculus inner centromere protein INCENP 570 79.798 9922 AFI51835 Homo sapiens CGI-78 protein 248 100.000 9923 L14745 Caenorhabditis elegans coded for by C. elegans 278 30.808 9924 AB007865 Homo sapiens KIAA0405 266 53.731 9925 X90840 Homo sapiens Axonal transporter of synaptic vesicles 2660 100.000 9926 AFI75969 Rattus norvegicus Leman coiled-coil protein 371 39.181 9927 U80747 Homo sapiens CAGH3 188 34.375 9928 S62597 Drosophila melanogaster, Peptide, 753 aa 186 23.757 9929 U63131 Homo sapiens McZ-1 181 37.079 9930 Y09723 Ho	9917	AL022238		221	41.414
9919 AC007369 Arabidopsis thaliana Putative RNA helicase 315 41.667 9920 X14549 Chlamydomonas reinhardtii spoke protein 428 46.207 9921 AF117610 Mus musculus inner centromere protein INCENP 570 79.798 9922 AF151835 Homo sapiens CGI-78 protein 248 100.000 9923 L14745 Caenorhabditis elegans coded for by C. elegans cDNA GenBank: CELI604 (M89109); putative 266 53.731 9924 AB007865 Homo sapiens KIAA0405 266 53.731 9925 X90840 Homo sapiens axonal transporter of synaptic vesicles 266 100.000 9926 AF175969 Rattus norvegicus Leman coiled-coil protein 371 39.181 9927 U80747 Homo sapiens CAGH3 186 23.757 9928 S62597 Drosophila melanogaster, Peptide, 753 aa 186 23.757 9929 U63131 Homo sapiens Miz-1 protein 838 31.299 9931 D86728 Mus musculus TIS 219 86.842 9932 <t< td=""><td></td><td></td><td></td><td></td><td></td></t<>					
9920 X14549 Chlamydomonas reinhardtii spoke protein 428 46.207 9921 AFI17610 Mus musculus inner centromere protein INCENP 570 79.798 9922 AFI51835 Homo sapiens CGI-78 protein 248 100.000 9923 L14745 Caenorhabditis elegans coded for by C. elegans cDNA GenBank: CELI604 (M89109); putative 266 53.731 9924 AB007865 Homo sapiens KIRA0405 266 53.731 9925 X90840 Homo sapiens axonal transporter of synaptic vesicles 2660 100.000 9926 AF175969 Rattus norvegicus Leman coiled-coil protein 371 39.181 9927 U80747 Homo sapiens CAGH3 188 34.375 9928 S62597 Drosophila melanogaster, Peptide, 753 aa 186 23.757 9929 U63131 Homo sapiens CDC37 homolog 181 37.079 9930 Y09723 Homo sapiens Miz-1 protein 838 31.299 9931 D86728 Mus musculus TIS 219 86.842 9932 X67683		R			
9921 AF117610 Mus musculus inner centromere protein INCENP 570 79.798 9922 AF151835 Homo sapiens CGI-78 protein 248 100.000 9923 L14745 Caenorhabditis elegans coded for by C. elegans cDNA GenBank:CEL1604 (M89109); putative 278 30.808 9924 AB007865 Homo sapiens KIAA0405 266 53.731 9925 X90840 Homo sapiens axonal transporter of synaptic vesicles 2660 100.000 9926 AF175969 Rattus norvegicus Leman coiled-coil protein 371 39.181 9927 U80747 Homo sapiens CGCAH3 188 34.375 9928 S62597 Drosophila melanogaster, Peptide, 753 aa 186 23.757 9929 U63131 Homo sapiens CCC37 homolog 181 37.079 9930 Y09723 Homo sapiens Miz-1 protein 838 31.299 9931 D86728 Mus musculus TIS 219 86.842 9932 X67683 Homo sapiens keratin K4a 824 100.000 kinase Caenorhabditis elegans pred					
9922 AF151835 Homo sapiens CGI-78 protein 248 100.000 9923 L14745 Caenorhabditis elegans coded for by C. elegans cDNA GenBank: CEL16D4 (M89109); putative 278 30.808 9924 AB007865 Homo sapiens KIAA0405 266 53.731 9925 X90840 Homo sapiens axonal transporter of synaptic vesicles 2660 100.000 9926 AF175969 Rattus norvegicus Leman coiled-coil protein 371 39.181 9927 U80747 Homo sapiens CAGH3 188 34.375 9928 S62597 Drosophila melanogaster, Peptide, 753 aa 186 23.757 9929 U63131 Homo sapiens CCC37 homolog 181 37.079 9930 Y09723 Homo sapiens Miz-1 protein 838 31.299 9931 D86728 Mus musculus TIS 219 86.842 9932 X67683 Homo sapiens Putative map kinase interacting kinase 2718 100.000 9934 Z79755 Caenorhabditis elegans predicted using Genefinder 367 31.696 9935 <t< td=""><td></td><td></td><td></td><td></td><td></td></t<>					
9923 L14745 Caenorhabditis elegans coded for by C. elegans cDNA GenBank:CEL1604 (M89109); putative 278 30.808 9924 AB007865 Homo sapiens KIAA0405 266 53.731 9925 X90840 Homo sapiens axonal transporter of synaptic vesicles 2660 100.000 9926 AF175969 Rattus norvegicus Leman coiled-coil protein vesicles 371 39.181 9927 U80747 Homo sapiens CAGH3 188 34.375 9928 S62597 Drosophila melanogaster, Peptide, 753 aa neu=neuralized 186 23.757 9929 U63131 Homo sapiens CDC37 homolog 181 37.079 9930 Y09723 Homo sapiens Miz-1 protein 838 31.299 9931 D86728 Mus musculus TIS 219 86.842 9932 X67683 Homo sapiens Putative map kinase interacting kinase 2718 100.000 9934 Z79755 Caenorhabditis elegans predicted using Genefinder 2718 100.000 9935 AC002131 Arabidopsis thaliana Contains similarity to hypothetical protein C18b11.05 gblz50728 from S. pombe. EST g					
CDNA GenBank:CEL16D4 (M89109); putative 266 53.731					
9924 AB007865 Homo sapiens KIAA0405 266 53.731 9925 X90840 Homo sapiens axonal transporter of synaptic vesicles 2660 100.000 9926 AF175969 Rattus norvegicus Leman coiled-coil protein 371 39.181 9927 U80747 Homo sapiens CAGH3 188 34.375 9928 S62597 Drosophila melanogaster, Peptide, 753 aa neu-neuralized 186 23.757 9929 U63131 Homo sapiens CDC37 homolog 181 37.079 9930 Y09723 Homo sapiens Miz-1 protein 838 31.299 9931 D86728 Mus musculus TIS 219 86.842 9932 X67683 Homo sapiens keratin K4a 824 100.000 9933 AC007136 Homo sapiens Putative map kinase interacting kinase 2718 100.000 9934 Z79755 Caenorhabditis elegans predicted using Genefinder 367 31.696 9935 AC002131 Arabidopsis thaliana Contains similarity to hypothetical protein C18b11.05 gb Z50728 from S. pombe. EST gb H76601 comes from this gene. 377 3	JJ25	111,13		2,0	30.000
9925 X90840 Homo sapiens axonal transporter of synaptic vesicles 2660 100.000 9926 AF175969 Rattus norvegicus Leman coiled-coil protein 371 39.181 9927 U80747 Homo sapiens CAGH3 188 34.375 9928 S62597 Drosophila melanogaster, Peptide, 753 aa neu-neuralized 186 23.757 9929 U63131 Homo sapiens CDC37 homolog 181 37.079 9930 Y09723 Homo sapiens Miz-1 protein 838 31.299 9931 D86728 Mus musculus TIS 219 86.842 9932 X67683 Homo sapiens keratin K4a 824 100.000 9933 AC007136 Homo sapiens Putative map kinase interacting kinase 2718 100.000 9934 Z79755 Caenorhabditis elegans predicted using Genefinder 367 31.696 9935 AC002131 Arabidopsis thaliana Contains similarity to hypothetical protein C18b11.05 gb Z50728 from S. pombe. 367 35.979 9936 U00050 Caenorhabditis elegans No definition line Finger protein 184) 377 <td< td=""><td>9924</td><td>AB007865</td><td></td><td>266</td><td>53 731</td></td<>	9924	AB007865		266	53 731
vesicles					
9926 AF175969 Rattus norvegicus Leman coiled-coil protein 371 39.181 9927 U80747 Homo sapiens CAGH3 188 34.375 9928 S62597 Drosophila melanogaster, Peptide, 753 aa neu-neuralized 186 23.757 9929 U63131 Homo sapiens CDC37 homolog 181 37.079 9930 Y09723 Homo sapiens Miz-1 protein 838 31.299 9931 D86728 Mus musculus TIS 219 86.842 9932 X67683 Homo sapiens keratin K4a 824 100.000 9934 Z79755 Caenorhabditis elegans predicted using 2718 100.000 9934 Z79755 Caenorhabditis elegans predicted using 186 54.902 9935 AC002131 Arabidopsis thaliana Contains similarity to hypothetical protein C18b11.05 gb1Z50728 from S. pombe. EST gb1H76601 comes from this gene. 377 35.979 9936 U00050 Caenorhabditis elegans No definition line Finger protein 184) 377 38.806 9937 AL021918 Homo sapiens b3418.1 (Kruppel related Zinc Finger protein 184)		1		2000	100.000
9927 U80747 Homo sapiens CAGH3 188 34.375 9928 S62597 Drosophila melanogaster, Peptide, 753 aa neu=neuralized 186 23.757 9929 U63131 Homo sapiens CDC37 homolog 181 37.079 9930 Y09723 Homo sapiens Miz-1 protein 838 31.299 9931 D86728 Mus musculus TIS 219 86.842 9932 X67683 Homo sapiens keratin K4a 824 100.000 9933 AC007136 Homo sapiens Putative map kinase interacting kinase 2718 100.000 9934 Z79755 Caenorhabditis elegans predicted using Genefinder 367 31.696 9935 AC002131 Arabidopsis thaliana Contains similarity to hypothetical protein C18b11.05 gb Z50728 from S. pombe. EST gb H76601 comes from this gene. 377 35.979 9936 U00050 Caenorhabditis elegans No definition line found 377 38.806 9937 AL021918 Homo sapiens b3418.1 (Kruppel related Zinc Finger protein 184) 379 38.806 9938 AB005541 Rattus rattus PCTAIRE3 341	9926	AF175969		371	39,181
9928 S62597 Drosophila melanogaster, Peptide, 753 aa neu=neuralized 186 23.757 neu=neuralized 9929 U63131 Homo sapiens CDC37 homolog 181 37.079 9930 Y09723 Homo sapiens Miz-1 protein 838 31.299 9931 D86728 Mus musculus TIS 219 86.842 9932 X67683 Homo sapiens keratin K4a 824 100.000 9934 Z79755 Caenorhabditis elegans predicted using Genefinder 186 54.902 9935 AC002131 Arabidopsis thaliana Contains similarity to hypothetical protein C18b11.05 gb Z50728 from S. pombe. EST gb H76601 comes from this gene. 367 31.696 9936 U00050 Caenorhabditis elegans No definition line found 377 35.979 9937 AL021918 Homo sapiens b3418.1 (Kruppel related Zinc Finger protein 184) 377 38.806 9938 AB005541 Rattus rattus PCTAIRE3 341 67.416 9939 U63648 Mus musculus p160 myb-binding protein 651 73.913 9940 Z78201 Unknown Similarity to E.col.1 2-oxoglutarate de					
	9928	L .	Drosophila melanogaster, Peptide, 753 aa	1	
9929 U63131 Homo sapiens CDC37 homolog 181 37.079 9930 Y09723 Homo sapiens Miz-1 protein 838 31.299 9931 D86728 Mus musculus TIS 219 86.842 9932 X67683 Homo sapiens keratin K4a 824 100.000 9933 AC007136 Homo sapiens Putative map kinase interacting kinase 2718 100.000 9934 Z79755 Caenorhabditis elegans predicted using Genefinder 186 54.902 9935 AC002131 Arabidopsis thaliana Contains similarity to hypothetical protein C18b11.05 gb Z50728 from S. pombe. EST gb H76601 comes from this gene. 367 31.696 9936 U00050 Caenorhabditis elegans No definition line found 377 35.979 9937 AL021918 Homo sapiens b3418.1 (Kruppel related Zinc Finger protein 184) 371 38.806 9938 AB005541 Rattus rattus PCTAIRE3 341 67.416 9939 U63648 Mus musculus p160 myb-binding protein 651 73.913 9940 Z78201 Unknown Similarity to E.coli 2-oxoglutarate dehydrogenase (SW:O					
9930 Y09723 Homo sapiens Miz-1 protein 838 31.299 9931 D86728 Mus musculus TIS 219 86.842 9932 X67683 Homo sapiens keratin K4a 824 100.000 9933 AC007136 Homo sapiens Putative map kinase interacting kinase 2718 100.000 9934 Z79755 Caenorhabditis elegans predicted using Genefinder 186 54.902 9935 AC002131 Arabidopsis thaliana Contains similarity to hypothetical protein C18b11.05 gb Z50728 from S. pombe. EST gb H76601 comes from this gene. 367 31.696 9936 U00050 Caenorhabditis elegans No definition line found 377 35.979 9937 AL021918 Homo sapiens b3418.1 (Kruppel related Zinc Finger protein 184) 371 38.806 9938 AB005541 Rattus rattus PCTAIRE3 341 67.416 9939 U63648 Mus musculus p160 myb-binding protein 651 73.913 9940 Z78201 Unknown Similarity to E.coli 2-oxoglutarate dehydrogenase (SW:OD01_ECOLI); cDNA EST EMBL:D32590 com 226 29.878 9941 AF010144	9929	U63131		181	37.079
9931 D86728 Mus musculus TIS 219 86.842 9932 X67683 Homo sapiens keratin K4a 824 100.000 9933 AC007136 Homo sapiens Putative map kinase interacting kinase 2718 100.000 9934 Z79755 Caenorhabditis elegans predicted using Genefinder 186 54.902 9935 AC002131 Arabidopsis thaliana Contains similarity to hypothetical protein C18b11.05 gb Z50728 from S. pombe. EST gb H76601 comes from this gene. 367 31.696 9936 U00050 Caenorhabditis elegans No definition line found 377 35.979 9937 AL021918 Homo sapiens b3418.1 (Kruppel related Zinc Finger protein 184) 377 38.806 9938 AB005541 Rattus rattus PCTAIRE3 341 67.416 9939 U63648 Mus musculus p160 myb-binding protein 651 73.913 9940 Z78201 Unknown Similarity to E.coli 2-oxoglutarate dehydrogenase (SW:OD01_ECOLI); cDNA EST EMBL:D32590 com 226 29.878 9941 AF010144 Homo sapiens neuronal thread protein AD7c-NTP 67 75.000 9943	9930				
9932 X67683 Homo sapiens keratin K4a 824 100.000 9933 AC007136 Homo sapiens Putative map kinase interacting kinase 2718 100.000 9934 Z79755 Caenorhabditis elegans predicted using Genefinder 186 54.902 9935 AC002131 Arabidopsis thaliana Contains similarity to hypothetical protein C18b11.05 gb Z50728 from S. pombe. EST gb H76601 comes from this gene. 367 31.696 9936 U00050 Caenorhabditis elegans No definition line found 377 35.979 9937 AL021918 Homo sapiens b3418.1 (Kruppel related Zinc Finger protein 184) 377 38.806 9938 AB005541 Rattus rattus PCTAIRE3 341 67.416 9939 U63648 Mus musculus p160 myb-binding protein 651 73.913 9940 Z78201 Unknown Similarity to E.coli 2-oxoglutarate dehydrogenase (SW:ODO1_ECOLI); cDNA EST EMBL:D32590 com 226 29.878 9941 AF010144 Homo sapiens neuronal thread protein AD7c-NTP 67 75.000 9943 U41663 Rattus norvegicus neuroligin 3 968 96.479 99	9931	D86728			
9933 AC007136 Homo sapiens Putative map kinase interacting kinase 2718 100.000 9934 Z79755 Caenorhabditis elegans predicted using Genefinder 186 54.902 9935 AC002131 Arabidopsis thaliana Contains similarity to hypothetical protein C18b11.05 gb Z50728 from S. pombe. EST gb H76601 comes from this gene. 367 31.696 9936 U00050 Caenorhabditis elegans No definition line found 377 35.979 9937 AL021918 Homo sapiens b3418.1 (Kruppel related Zinc Finger protein 184) 377 38.806 9938 AB005541 Rattus rattus PCTAIRE3 341 67.416 9939 U63648 Mus musculus p160 myb-binding protein 651 73.913 9940 Z78201 Unknown Similarity to E.coli 2-oxoglutarate dehydrogenase (SW:ODO1_ECOLI); cDNA EST EMBL:D32590 com 226 29.878 9941 AF010144 Homo sapiens neuronal thread protein AD7c-NTP 67 75.000 9943 U41663 Rattus norvegicus neuroligin 3 968 96.479 9944 X91617 Mus musculus 5'-3' exonuclease 745 100.000	9932	X67683			
Rinase	9933	AC007136			100.000
Genefinder 367 31.696					
Genefinder 9935 AC002131 Arabidopsis thaliana Contains similarity to hypothetical protein C18b11.05 gb Z50728 from S. pombe. EST gb H76601 comes from this gene. 9936 U00050 Caenorhabditis elegans No definition line found 377 35.979 377 38.806 378 38.806 379 379 38.806 379 38.806 379 38.806 379 38.806 379 38.806 379 38.806 379 38.806 379 38.806 379 38.806 379 38.806 379 38.806 379 38.806 379 38.806 379 38.806 379 38.806 379 38.806 379 38.806 38.806 38.806 3938 AB005541 Rattus rattus PCTAIRE3 341 67.416 3939 U63648 Mus musculus p160 myb-binding protein 341 379	9934	Z79755	Caenorhabditis elegans predicted using	186	54.902
hypothetical protein C18b11.05 gb Z50728 from S. pombe. EST gb H76601 comes from this gene. 9936 U00050 Caenorhabditis elegans No definition line found 9937 AL021918 Homo sapiens b34I8.1 (Kruppel related Zinc Finger protein 184) 9938 AB005541 Rattus rattus PCTAIRE3 9939 U63648 Mus musculus p160 myb-binding protein 9940 Z78201 Unknown Similarity to E.coli 2-oxoglutarate dehydrogenase (SW:ODO1_ECOLI); cDNA EST EMBL:D32590 com 9941 AF010144 Homo sapiens neuronal thread protein AD7c-NTP 9942 AC007067 Arabidopsis thaliana T10024.10 9943 U41663 Rattus norvegicus neuroligin 3 9968 96.479 9944 X91617 Mus musculus 5'-3' exonuclease 745 100.000					
S. pombe. EST gb H76601 comes from this gene. 9936 U00050 Caenorhabditis elegans No definition line found 377 35.979 35.979 377 38.806 377	9935	AC002131	Arabidopsis thaliana Contains similarity to	367	31.696
9936 U00050 Caenorhabditis elegans No definition line found 9937 AL021918 Homo sapiens b3418.1 (Kruppel related Zinc Finger protein 184) 9938 AB005541 Rattus rattus PCTAIRE3 9939 U63648 Mus musculus p160 myb-binding protein 9940 Z78201 Unknown Similarity to E.coli 2-oxoglutarate dehydrogenase (SW:ODO1_ECOLI); cDNA EST EMBL:D32590 com 9941 AF010144 Homo sapiens neuronal thread protein AD7c-NTP 9942 AC007067 Arabidopsis thaliana T10024.10 9943 U41663 Rattus norvegicus neuroligin 3 9968 96.479 9944 X91617 Mus musculus 5'-3' exonuclease 377 35.979 38.806 377 38.806 378 379 38.806 379 370 38.806 371 38.806 371 38.806 372 370 38.806 373 38.806 374 67.416 375 30.913 377 38.806 377 38.806 378 377 38.806 379 38.806 371 370 38.806 371 370 38.806 471 671 472 29.878 473 35.979 474 67.416 474 67.416 475 100.000				İ	}
Found 9937 AL021918 Homo sapiens b3418.1 (Kruppel related Zinc Finger protein 184) 377 38.806			S. pombe. EST gb H76601 comes from this gene.		
9937 AL021918 Homo sapiens b3418.1 (Kruppel related Zinc Finger protein 184) 9938 AB005541 Rattus rattus PCTAIRE3 9939 U63648 Mus musculus p160 myb-binding protein 9940 Z78201 Unknown Similarity to E.coli 2-oxoglutarate dehydrogenase (SW:ODO1_ECOLI); cDNA EST EMBL:D32590 com 9941 AF010144 Homo sapiens neuronal thread protein AD7c-NTP 9942 AC007067 Arabidopsis thaliana T10024.10 9943 U41663 Rattus norvegicus neuroligin 3 9968 96.479 9944 X91617 Mus musculus 5'-3' exonuclease 377 38.806 377 38.806 378 377 38.806	9936	U00050	Caenorhabditis elegans No definition line	377	35.979
Finger protein 184 9938 AB005541 Rattus rattus PCTAIRE3 341 67.416 9939 U63648 Mus musculus pl60 myb-binding protein 651 73.913 9940 Z78201 Unknown Similarity to E.coli 2-oxoglutarate 226 29.878 dehydrogenase (SW:ODO1_ECOLI); cDNA EST EMBL:D32590 com 9941 AF010144 Homo sapiens neuronal thread protein AD7c-NTP 67 75.000 9942 AC007067 Arabidopsis thaliana T10024.10 364 61.905 9943 U41663 Rattus norvegicus neuroligin 3 968 96.479 9944 X91617 Mus musculus 5'-3' exonuclease 745 100.000					
9938 AB005541 Rattus rattus PCTAIRE3 341 67.416 9939 U63648 Mus musculus p160 myb-binding protein 651 73.913 9940 Z78201 Unknown Similarity to E.coli 2-oxoglutarate dehydrogenase (SW:ODO1_ECOLI); cDNA EST EMBL:D32590 com 226 29.878 9941 AF010144 Homo sapiens neuronal thread protein AD7c-NTP 67 75.000 9942 AC007067 Arabidopsis thaliana T10024.10 364 61.905 9943 U41663 Rattus norvegicus neuroligin 3 968 96.479 9944 X91617 Mus musculus 5'-3' exonuclease 745 100.000	9937	AL021918		377	38.806
9939 U63648 Mus musculus p160 myb-binding protein 651 73.913 9940 Z78201 Unknown Similarity to E.coli 2-oxoglutarate dehydrogenase (SW:ODO1_ECOLI); cDNA EST EMBL:D32590 com 226 29.878 9941 AF010144 Homo sapiens neuronal thread protein AD7c-NTP 67 75.000 9942 AC007067 Arabidopsis thaliana T10024.10 364 61.905 9943 U41663 Rattus norvegicus neuroligin 3 968 96.479 9944 X91617 Mus musculus 5'-3' exonuclease 745 100.000					<u> </u>
9940 Z78201 Unknown Similarity to E.coli 2-oxoglutarate dehydrogenase (SW:ODO1_ECOLI); cDNA EST EMBL:D32590 com 226 29.878 9941 AF010144 Homo sapiens neuronal thread protein AD7c-NTP 67 75.000 9942 AC007067 Arabidopsis thaliana T10024.10 364 61.905 9943 U41663 Rattus norvegicus neuroligin 3 968 96.479 9944 X91617 Mus musculus 5'-3' exonuclease 745 100.000			Rattus rattus PCTAIRE3	341	67.416
dehydrogenase (SW:ODO1_ECOLI); cDNA EST EMBL:D32590 com 9941 AF010144 Homo sapiens neuronal thread protein AD7c-NTP 67 75.000 9942 AC007067 Arabidopsis thaliana T10024.10 364 61.905 9943 U41663 Rattus norvegicus neuroligin 3 968 96.479 9944 X91617 Mus musculus 5'-3' exonuclease 745 100.000				651	
EMBL:D32590 com 9941 AF010144 Homo sapiens neuronal thread protein AD7c-NTP 67 75.000 9942 AC007067 Arabidopsis thaliana T10024.10 364 61.905 9943 U41663 Rattus norvegicus neuroligin 3 968 96.479 9944 X91617 Mus musculus 5'-3' exonuclease 745 100.000	9940	Z78201		226	29.878
9941 AF010144 Homo sapiens neuronal thread protein AD7c-NTP 67 75.000 9942 AC007067 Arabidopsis thaliana T10024.10 364 61.905 9943 U41663 Rattus norvegicus neuroligin 3 968 96.479 9944 X91617 Mus musculus 5'-3' exonuclease 745 100.000					
9942 AC007067 Arabidopsis thaliana T10024.10 364 61.905 9943 U41663 Rattus norvegicus neuroligin 3 968 96.479 9944 X91617 Mus musculus 5'-3' exonuclease 745 100.000					<u> </u>
9943 U41663 Rattus norvegicus neuroligin 3 968 96.479 9944 X91617 Mus musculus 5'-3' exonuclease 745 100.000	9941				
9944 X91617 Mus musculus 5'-3' exonuclease 745 100.000	9942			364	61.905
				968	
9945 AF167411 Mus musculus pendrin 347 56.627					100.000
	9945	AF167411	Mus musculus pendrin	347	56.627

	THOOPER		1 1 6 2	1 27 005
9946	U80953	Caenorhabditis elegans weakly similar in	163	37.805
		serine repeat region to rat thyroxine-binding		
		globulin (PIR:A39567) and to D. melanogaster		
		ecdysone-inducible protein E75-C		
		(SP:E75C_DROME, P13055)		
9947	AC007633	Unknown similarity to several hypothetical	226	61.818
		proteins- Arabidopsis thaliana		
9948	U35245	Rattus norvegicus vacuolar protein sorting	431	98.507
		homolog r-vps33b		
9949	м94315	Oryctolagus cuniculus neurofilament-H	226	24.528
9950	AF096896	Drosophila melanogaster pushover	197	24.291
9951	Z68117	Caenorhabditis elegans similar to Probable	280	37.705
3301	500127	rabGAP domains; cDNA EST yk325d7.3 comes from		37.1700
		this gene; cDNA EST yk325d7.5 comes from this		
		gene		
9952	AC007018	Arabidopsis thaliana unknown protein	308	33.163
9953	U29156	Mus musculus involved in signaling by the	1222	92.857
9933	029130	epidermal growth factor receptor; Method:	1222	1 32.037
		conceptual translation supplied by author		
9954	M95762	Rattus norvegicus GABA transporter	1153	89.730
9955				
	U09284	Homo sapiens PINCH protein	1648	85.020
9956	AB007872	Homo sapiens KIAA0412	320	73.913
9957	U95825	Homo sapiens androgen-induced prostate	704	83.607
ļ <u>.</u>		proliferative shutoff associated protein		<u></u>
9958	U68535	Mus musculus aldo-keto reductase	1175	68.110
9959	AF003151	Caenorhabditis elegans No definition line	241	25.987
		found		
9960	AF060173	Rattus norvegicus SV2 related protein	745	96.522
9961	AF004841	Homo sapiens CDO	243	41.489
9962	U66561	Homo sapiens kruppel-related zinc finger	273	56.338
		protein	1	
9963	U09367	Homo sapiens zinc finger protein ZNF136	199	72.093
9964	U34925	Drosophila melanogaster TH1	665	62.025
9965	U32626	Drosophila melanogaster unknown	317	57.333
9966	L08239	Homo sapiens located at OATL1	179	100.000
9967	M61866	Homo sapiens Krueppel-related DNA-binding	226	60.377
9901	MOTOGO		220	00.377
0000	75007144	protein		22 004
9968	AB007144	Homo sapiens ZIP-kinase	222	33.884
9969	U75321	Mus musculus chromaffin granule ATPase II	487	65.574
2052		homolog		
9970	AF036706	Caenorhabditis elegans strong similarity to	558	50.000
		class-I aminoacyl-tRNA synthetases; most		
		similar to glutaminyl-tRNA synthetases		
9971	X82018	Homo sapiens ZID, zinc finger protein with	540	63.415
		interaction domain		
9972	X97324	Homo sapiens adipophilin	312	44.340
9973	AF080070	Mus musculus zinc finger protein 54	240	48.052
9974	AF169548	Homo sapiens gamma-synergin	1069	100.000
9975	AF056302	Drosophila melanogaster eIF-2alpha kinase	454	39.891
9976	AC003114	Arabidopsis thaliana T12M4.6	143	39.759
9977	Z78198	Caenorhabditis elegans Similarity to E.coli	203	46.154
		glyucerophosphoryldiester phosphodiesterase		
	1	(SW:UGPQ ECOLI)		
9978	AF098505	Caenorhabditis elegans similar to Arabidopsis	498	44.578
2210	WE 0 20202	thaliana male sterility protein 2 (SW:Q08891)	1 3 30	44.5/0
9979	D31763	Homo sapiens ha0946 protein is Kruppel-	383	55.660
2213	20,150		1 303	33.000
0000	2003501	related.	1 221	11 667
9980	AC007591	Unknown Strong similarity to	221	41.667
9981	Z48758	Saccharomyces cerevisiae unknown	404	46.043

9982	U29187	Mus musculus prion-like protein	716	76.471
	AB013607	Mus musculus c29	528	70.833
	X63337	Homo sapiens high sulfur keratin	839	77.397
	U09824	Rattus norvegicus 30 kDa S-type lectin	328	42.857
	AJ006692	Homo sapiens ultra high sulfer keratin	732	76.068
	U43292	Homo sapiens MDS1B	384	65.000
	AL117204	Caenorhabditis elegans Y116A8C.9	593	40.773
	X55126	Mus musculus Zfp-29	354	84.375
	AF153208	Homo sapiens GC-rich sequence DNA-binding	719	100.000
		factor candidate		
9991	AL023781	Schizosaccharomyces pombe N-terminal acetyltransferase 1	522	52.564
	U59240	Rattus norvegicus N-tropomodulin	267	50.000
9993	AF070651	Homo sapiens zinc finger protein 4	835	74.847
9994	AP000399	Oryza sativa EST AU056133(S20320) corresponds	486	43.478
		to a region of the predicted gene; similar to		
		Caenorhabditis elegans cosmid D1054;		
		hypothetical protein (Z74030)		
	U21549	Mus musculus Ac39/physophilin	379	69.620
9996	AL022318	Homo sapiens bK150C2.7 (PUTATIVE novel protein	1280	100.000
		similar to APOBEC1 (Apolipoprotein B mRNA		
		editing protein) and Phorbolin)		
	AJ242977	Homo sapiens p243	371	100.000
	Y10495	Mus musculus CDV-1R protein	1736	92.384
9999	Z93394	Caenorhabditis elegans similar to Probable rabGAP domains	829	50.211
10000	U97571	Mus musculus signaling molecule	892	90.714
10001	AL021068	Homo sapiens dJ206D15.1 (Reduced Folate Carier	764	64.458
		protein RFC LIKE)		
	AF056116	Fugu rubripes All-1 related protein	427	35.156
10003	AP000059	Aeropyrum pernix 115aa long hypothetical protein	54	29.787
10004	X51760	Homo sapiens zinc finger protein (583 AA)	345	80.952
10005	AB020710	Homo sapiens KIAA0903 protein	602	67.717
10006	AB025259	Mus musculus granuphilin-b	256	30.769
10007	AJ011855	Homo sapiens PAK4 protein	391	72.000
10008	U06944	Mus musculus PRAJA1	262	66.102
	AF186469	Rattus norvegicus TM6P1	288	29.605
	D45913	Mus musculus leucine-rich-repeat protein	299	83.019
	AL117203	Caenorhabditis elegans predicted using	171	33.036
		Genefinder; preliminary prediction		
10012	AB020678	Homo sapiens KIAA0871 protein	759	77.397
	AF017368	Mus musculus faciogenital dysplasia protein 2	315	57.732
	U13878	Mus musculus neural-restrictive silencer factor	361	34.615
10015	S73488	Rattus sp. zinc finger transcription factor, Kid-1 (KRAB A and B regions)	173	57.447
10016	AF099011	Homo sapiens EH-domain containing protein	396	62.921
10017	D61600	testilin	1050	06 022
	D61689	Mus musculus SOX-LZ	1050	96.933
	AF070651	Homo sapiens zinc finger protein 4	423	82.432
10019	D63478	Homo sapiens The KIAA0144 gene product is	600	58.282
		novel.		
	U40802	Caenorhabditis elegans similar to other	420	35.407
10020	U40802 AC004472	Caenorhabditis elegans similar to other protein phosphatases 1, 2A and 2B	420	_
10020		Caenorhabditis elegans similar to other		35.407 35.593 33.645
10020 10021 10022	AC004472	Caenorhabditis elegans similar to other protein phosphatases 1, 2A and 2B Homo sapiens P1.11659 5	223	35.593

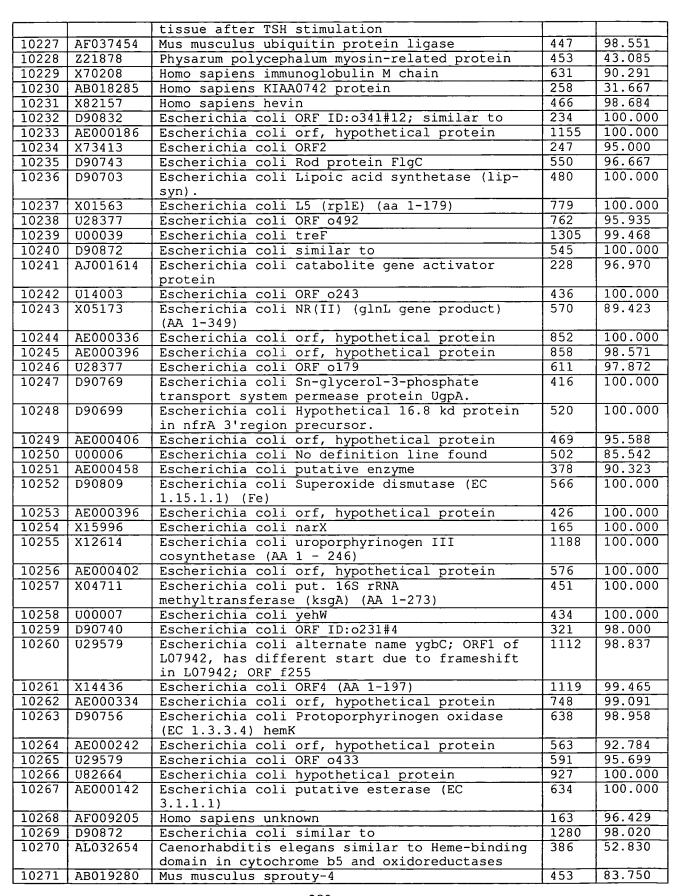
		AA165465 (NID:g1741481), Z45871 (NID:g575105),	1	
		and		
10025	Z25535	Homo sapiens nuclear pore complex protein hnup153	273	100.000
10026	U43503	Saccharomyces cerevisiae Lph2p	198	45.455
10027	D86043	Homo sapiens SHPS-1	337	43.704
10028	AB011093	Homo sapiens KIAA0521 protein	1394	97.309
10029		Mus musculus Kiflb	1152	97.159
10030	U89264	Drosophila melanogaster kinesin like protein 67a	642	47.926
10031	D14663	Homo sapiens KIAA0107	305	94.118
10032	AF132856	Homo sapiens suppressor of G2 allele of skpl homolog	183	90.625
10033	AB023189	Homo sapiens KIAA0972 protein	331	62.025
10034	AF031939	Mus musculus RalBP1-associated EH domain protein Reps1	1647	92.636
10035	AL117600	Homo sapiens hypothetical protein	326	67.123
10036	AL031788	Schizosaccharomyces pombe conserved hypothetical protein.	429	51.079
10037	AL031276	Homo sapiens dJ1118D24.1d (part of novel protein similar to worm proteins T08G11.1 and C25H3.9)	586	98.901
10038	D42063	Homo sapiens RanBP2 (Ran-binding protein 2)	825	86.014
10039	AJ011306	Homo sapiens guanine nucleotide exchange factor (long isoform)	317	100.000
10040	AF047010	Drosophila melanogaster asteroid protein	196	40.244
10041	254096	Schizosaccharomyces pombe hypothetical protein	328	52.294
10042	X89571	Mus musculus human homolog is GPI-anchored protein	436	52.713
10043	AC010077	Homo sapiens MTDM_HUMAN ; DNA METHYLTRANSFERASE; DNA METASE; MCMT; M.HSAI	249	77.358
10044	D86971	Homo sapiens no similarities to reported gene products	967	49.684
10045	AF099973	Mus musculus schlafen2	258	36.111
10046	X78077	Equus caballus link protein	214	36.250
10047	U80448	Unknown coded for by C. elegans cDNA CEESS55F; coded for by C. elegans cDNA yk84a1.3; coded for by	185	54.000
10048	U39703	Mycoplasma genitalium DNA helicase II, putative	183	25.087
	AF100657	Caenorhabditis elegans Contains similarity to Pfam domain: PF00614 (PLDc), Score=13.8, E-value=0.2, N=1	481	33.660
	AC007259	Arabidopsis thaliana Hypothetical protein	189	31.915
10051	AF099973	Mus musculus schlafen2	338	37.267
10052	U41559	Caenorhabditis elegans No definition line found	300	38.095
10053		Homo sapiens KIAA0798 protein	423	70.787
10054	S44213	Saccharomyces cerevisiae, Peptide, 323 aa YKL522=mitochondrial ADP/ATP carrier protein homolog	211	35.294
10055	AF111423	Xenopus laevis chromosome condensation protein XCAP-G	719	64.162
10056	AJ242978	Homo sapiens p621	1835	100.000
10057		Schizosaccharomyces pombe hypothetical protein	428	32.464
10058	AB018285	Homo sapiens KIAA0742 protein	166	40.000
10059	AC006528	Arabidopsis thaliana putative DNA replication licensing factor with an MCM family domain (prosite:PDOC00662)	228	29.612

10060	AF077818	Mus musculus syntrophin-associated serine-	205	62.000
10051		threonine protein kinase	110	1
10061	U15173	Homo sapiens BCL2/adenovirus E1B 19kD- interacting protein 2	449	40.722
10062	AC002328	Arabidopsis thaliana F20N2.6	53	50.000
10063	Z98974	Schizosaccharomyces pombe hypothetical PSU1- like protein	323	45.918
10064	AB018413	Homo sapiens Gab2	551	58.462
10065	AF151816	Homo sapiens CGI-58 protein	289	100.000
10066		Mus musculus schlafen2	204	40.187
10067	Y12090	Lycopersicon esculentum putative 3,4-dihydroxy-2-butanone kinase	1197	41.199
10068	U49046	Mus musculus Zfp64	1594	89.494
10069	L39211	Homo sapiens carnitine palmitoyltransferase I	252	58.730
10070	AB000199	Rattus norvegicus CCA2 protein	554	84.848
10071	AC007228	Homo sapiens BC37295_1	252	65.000
10072		Mus musculus zinc finger protein 106	264	97.436
10073		Mus musculus tex261	1140	99.422
10074	AB020675	Homo sapiens KIAA0868 protein	439	46.715
10075	AJ011928	Drosophila melanogaster Fidipidine	586	52.174
10076	X98834	Homo sapiens zinc finger protein Hsal2	706	100.000
10077		Mus musculus Cdc42 GTPase-activating protein	499	69.608
10078	AF149413	Arabidopsis thaliana contains similarity to histone deacetylases; Pfam PF00850, Score=13.3, E=5e-10, N=1	641	53.093
10079	AC007842	Homo sapiens BC331191 1	834	51.711
10080	AB002334	Homo sapiens KIAA0336	213	97.143
10081	S76838	Mus sp. Dbs=Dbl guanine nucleotide exchange factor homolog	287	59.420
10082	AB015306	Homo sapiens Leukotriene B4 omega-hydroxylase	750	81.818
10083	AB029000	Homo sapiens KIAA1077 protein	329	88.679
10084	AC002528	Homo sapiens Genscan gene prediction; 90% similarity to AA023673 (NID:g1487590)	765	99.099
10085	X54618	Listeria monocytogenes phosphadidylinositol specific phospholipase C	197	28.571
10086	X57303	Homo sapiens REC1L	398	63.043
10087		Homo sapiens KIAA0961 protein	331	68.421
10088	AF061243	Homo sapiens metalloprotease 1	1936	98.913
10089	AF038563	Homo sapiens membrane associated guanylate kinase 2	665	100.000
10090	AJ010017	Homo sapiens zinc finger protein	200	44.615
10091	AF067806	Mus musculus cAMP-specific cyclic nucleotide phosphodiesterase PDE8; MMPDE8	300	54.167
10092	U44731	Mus musculus purine nucleotide binding protein	2293	74.730
10093	Z70269	Unknown predicted using Genefinder; Similarity to Yeast hypothetical protein YHG1 (SW:YHG1 YEAST);	167	54.348
10094	AB014516	Homo sapiens KIAA0616 protein	235	45.669
10095		Homo sapiens KIAA0750 protein	487	66.038
10096	D90400	Human papillomavirus type 58 open reading frame E5	71	44.444
10097	AB011128	Homo sapiens KIAA0556 protein	325	100.000
10098	X89426	Homo sapiens ESM-1 secretory protein	197	33.588
10099		Caenorhabditis elegans F10B5.8	787	76.471
10100		Mus musculus alpha-adaptin (A) (AA 1-977)	688	100.000
10101	U81788	Drosophila melanogaster kinesin-73	402	50.400
10102		Homo sapiens alternatively spliced	380	88.406
10103	U22296	Rattus norvegicus casein kinase 1 gamma 1	408	60.177
	l	isoform		

10104	M22743	Oryctolagus cuniculus lambda-crystallin precursor	202	81.081
10105	U44129	Rattus norvegicus p58	479	46.154
10106	Z92813	Unknown similar to WD domain, G-beta repeat (3 domains); cDNA EST EMBL: D69452 comes from this gene;	213	34.579
10107	AF031370	Rattus norvegicus PLC-b4b	1014	95.425
10108	Z35639	Caenorhabditis elegans similar to TNF-alpha induced Protein B12; cDNA EST yk579c8.3 comes from this gene	224	45.055
	AF175292	Mus musculus neuronal IL-16	393	84.286
10110	AB012099	Pyrococcus kodakaraensis Glycerol Kinase	223	36.047
10111	AB023658	Rattus norvegicus Ca/calmodulin-dependent protein kinase kinase alpha, CaM-kinase kinase alpha	1070	89.205
10112	L06940	Escherichia coli tetracycline resistance protein	296	32.515
10113	U75329	Homo sapiens serine protease	173	41.026
10114		Rattus norvegicus calmodulin-binding protein	673	99.010
10115		Arabidopsis thaliana hypothetical protein	207	55.738
10116	M15888	Bos taurus endozepine-related protein precursor	1198	86.829
10117	AF079974	Mus musculus Rac GTPase-activating protein	588	77.778
10118	Z72511	Unknown possible zinc finger protein; cDNA EST EMBL:M89115 comes from this gene; cDNA EST EMBL:D715	1343	57.576
10119	M83679	Rattus norvegicus RAB15	552	82.524
10120	AF023450	Homo sapiens Down syndrome cell adhesion molecule	518	60.000
10121	U80955	Caenorhabditis elegans contains a domain found in band 4.1, ezrin, moesin, radixin and talin	335	45.192
10122	U15002	Rattus norvegicus COUP-TFI	271	74.000
10123	L40378	Homo sapiens cytoplasmic antiproteinase 3	354	100.000
10124	AL121764	Schizosaccharomyces pombe putative ATP- dependent RNA helicase	491	60.000
10125	AC003682	Homo sapiens F18547 1	210	67.391
10126	M58583	Homo sapiens precerebellin	234	48.485
10127		Homo sapiens unknown	398	32.917
10128	AL050284	Homo sapiens hypothetical protein	216	70.213
10129	AF078828	Homo sapiens talin	652	72.180
10130		Caenorhabditis elegans weak similarity to regions of guanine-nucleotide releasing factors	168	48.980
10131	Z81521	Unknown predicted using Genefinder; cDNA EST EMBL:C09934 comes from this gene; cDNA EST EMBL:C08308	259	32.877
10132		Rattus rattus PTB-like protein	753	97.581
10133	Z68297	Unknown cDNA EST EMBL:D32434 comes from this gene; cDNA EST EMBL:D33710 comes from this gene; cDNA	335	37.415
10134		Homo sapiens HKL1	647	86.555
10135		Caenorhabditis elegans putative	224	33.793
10136	AB009372	Rattus norvegicus Lysophospholipase	1408	86.585
10137	AL035496	Homo sapiens dJ437022.1 (novel VHS domain containing protein similar to predicted worm and human proteins)	200	96.552
10138		Homo sapiens F-box protein Fbx2	229	43.243
10139	Z83760	Ciona intestinalis COS41.5	248	32.283
10139	U81788	Drosophila melanogaster kinesin-73	927	66.351

10141	77004400	I Dull have been a second of the second of t	T 100C	T 64 100
	AB024400	Rattus norvegicus LAT4	1006	64.103
10142	U23522	Caenorhabditis elegans No definition line found	180	32.061
10143	AJ243460	Leishmania major proteophosphoglycan	173	21.577
10144	Y08774	Silene latifolia Men-2	115	37.097
10145	271262	Unknown similar to serine/threonine kinase; cDNA EST EMBL:D27596 comes from this gene; cDNA EST EMB	161	29.032
10146	AB010363	Mus musculus mszf51	164	37.500
10147	AF000196	Caenorhabditis elegans No definition line found	160	30.556
10148	AC005306	Homo sapiens R27216 1	423	98.507
10149	X98709	Homo sapiens COL1A1 and PDGFB fusion transcript	146	31.068
10150	AF099053	Mus musculus phosphatidylserine synthase-2	2504	89.776
10151	U02928	Dictyostelium discoideum Rab7	362	36.207
10152	X98475	Mus musculus vasodilator-stimulated phosphoprotein	164	29.412
10153	AL080200	Homo sapiens hypothetical protein	138	37.113
10154	AB002374	Homo sapiens KIAA0376	712	36.215
10155	L04733	Homo sapiens kinesin light chain	504	53.521
10156	AL023592	Schizosaccharomyces pombe zinc finger protein	295	45.055
10157	L07063	Mus musculus FKBP65 binding protein	819	87.234
10158	X82200	Homo sapiens gpStaf50	907	62.679
10159		Homo sapiens spindlin	256	68.421
10160	AF125385	Drosophila melanogaster L82B	173	44.444
10161	Y17282	Homo sapiens cytokeratin type II	818	59.244
10162	AB029023	Homo sapiens KIAA1100 protein	784	50.000
10163	Y17282	Homo sapiens cytokeratin type II	294	43.972
10164		Mus musculus thioredoxin interacting factor	348	38.372
10165	AF125963	Caenorhabditis elegans No definition line found	159	25.743
10166	X78925	Homo sapiens zinc finger protein	162	60.870
10167	AF013969	Mus musculus antigen containing epitope to monoclonal antibody MMS-85/12	773	66.667
10168	AB017437	Gallus gallus avena	1096	93.143
10169		Drosophila melanogaster LRR47	485	29.443
10170	AJ007014	Homo sapiens AMMECR1 protein	1134	55.000
10171	J04802	Homo sapiens open reading frame A	161	96.154
10172	AF057170	Homo sapiens bestrophin	401	70.370
10173	บ70855	Caenorhabditis elegans similar to the RAS gene family	382	48.305
10174	AB025410	Mus musculus Ten-m1	835	93.893
10175	AF091434	Homo sapiens secretory growth factor-like protein fallotein	184	49.180
10176	U95044	Homo sapiens zinc finger protein	525	76.786
10177	M20681	Homo sapiens glucose transporter-like protein	201	83.784
10178	AF067165	Homo sapiens zinc finger protein 3	240	55.072
10179	D88026	Mus musculus Dhm2 protein	385	82.090
10180	AL035419	Homo sapiens dJ1100H13.1 (putative novel protein)	252	100.000
10181	X97064	Homo sapiens Sec23 protein	2794	100.000
10182	X79828	Mus musculus NK10	531	90.588
10183	AC002332	Arabidopsis thaliana putative NAD(P)-dependent cholesterol dehydrogenase	245	40.336
10184	Z48166	Schizosaccharomyces pombe gar2	176	28.175
10185	Z81525	Unknown cDNA EST yk282b7.5 comes from this	512	39.640
		gene; cDNA EST EMBL:D28011 comes from this gene; cDNA ES		

10106	7110407	Coopenhabditic alexana V20EAD 7	491	47.794
10186 10187		Caenorhabditis elegans Y39E4B.7 Homo sapiens KIAA0798 protein	396	74.074
10187		Ovis aries carbonic anhydrase I	620	64.615
10189	L11275	Saccharomyces cerevisiae selected as a weak	191	24.876
10109	Б112/3	suppressor of a mutant of the subunit AC40 of	191	24.070
		DNA dependant RNA polymerase I and III		
10190	AB018260	Homo sapiens KIAA0717 protein	260	94.595
10191		Homo sapiens endothelial lipase	2456	99.446
10191	AF096771	Homo sapiens kinase related protein	200	26.596
10193	U47920	Pseudomonas aeruginosa dihydrolipoamide	444	72.917
10193	047320	acetyltransferase	333	12.517
10194	U18009	Homo sapiens similar to Pacific ray VAT1	422	49.618
10174	010003	protein, Swiss-Prot Accession Number P19333	422	45.010
10195	AL035086	Homo sapiens dJ44A20.3 (novel protein similar	369	55.455
10155	ALOSSOOO	to worm F32F2.1)	303	33.433
10196	L01089	Homo sapiens profilaggrin	447	38.095
10197		Homo sapiens dJ593C16.1 (ras GTPase activating	2171	73.131
10157	AL033702	protein)	21,1	/3.131
10198	X92969	Mus musculus odorant receptor	360	52.525
10199	AF062249	Homo sapiens immunoglobulin heavy chain	699	85.593
10100	Aroozzas	variable region	000	03.333
10200	AF125569	Homo sapiens tumor suppressing STF cDNA 6	718	83.333
10201	Z99118	Bacillus subtilis similar to hypothetical	159	32.143
10201	255110	proteins	133	32.143
10202	AB020654	Homo sapiens KIAA0847 protein	2158	98.795
10203	Y18102	Oryctolagus cuniculus titin	436	95.652
10203	D90706	Escherichia coli PhoH protein homolog.	1451	100.000
10205	D90708	Escherichia coli Putrescine transport protein.	704	100.000
10206	D90717	Escherichia coli Hypothetical 38.9 kd protein	515	100.000
10200	550717	in ding/rarB 3'region (o361).	313	100.000
10207	X56958	Homo sapiens ankyrin (brank-2)	179	96.429
10208	D90730	Escherichia coli Hypothetical protein 63 (MukB	655	98.058
10200	230.30	3' region)		33.333
10209	X55683	Lycopersicon esculentum extensin (class I)	122	59.259
10210	Z70683	Unknown Weak similarity to Human tyrosine-	291	41.284
		protein kinase CSK (SW:CSK HUMAN); cDNA EST		
		EMBL:C10908 c		
10211	AE001373	Plasmodium falciparum predicted secreted	383	25.198
		protein		
10212	U28377	Escherichia coli ORF f141	792	96.825
10213	D90754	Escherichia coli Hypothetical protein HI0761	995	98.000
10214	AF109134	Homo sapiens 7-60	681	40.152
10215	M13934	Homo sapiens ribosomal protein S14	885	99.265
10216	AF055666	Mus musculus kinesin light chain 2	524	88.542
10217		Mus musculus nebulin	423	42.143
10218		Ciona intestinalis myoplasmin-C1	246	28.477
10219		Mus musculus TSG118.1	811	54.426
10220	AF128535	Mus musculus cytoplasmic phosphoprotein	1389	56.891
		PACSIN2		
10221	AF084928	Homo sapiens erythroblast macrophage protein	811	98.450
		EMP		
10222	AL050321	Homo sapiens dJ717M23.1 (novel gene)	576	98.864
10223	AF113615	Homo sapiens FH1/FH2 domain-containing protein	833	62.189
		FHOS		
10224	Z49967	Unknown cDNA EST EMBL:T00743 comes from this	173	34.694
		gene; cDNA EST EMBL:D69356 comes from this		
		gene; cDNA]
10225	AB025412	Mus musculus Ten-m3	1096	96.471
		Canis familiaris overexpressed in thyroid		48.980



10272	U40953	Caenorhabditis elegans No definition line found	437	32.365
10273	AB002349	Homo sapiens KIAA0351	347	63.529
10274	AF043695	Caenorhabditis elegans similar to zinc metalloprotease family of peptidases	168	37.363
10275	L47274	Encephalitozoon intestinalis beta-tubulin	351	39.333
10276	S66427	Homo sapiens retinoblastoma binding protein 1, RBP1	812	82.759
10277	AB011166	Homo sapiens KIAA0594 protein	847	99.242
10278	U49973	Homo sapiens ORF1; MER37; putative transposase similar to pogo element	302	35.461
10279	Z93785	Unknown predicted using Genefinder; similar to RNA recognition motif. (aka RRM, RBD, or RNP domain)	490	65.347
10280	AF132177	Drosophila melanogaster unknown	222	66.038
10281	AF033664	Mus musculus cbp146	1932	88.785
10282	U93305	Homo sapiens synaptophysin	601	66.667
10283	X58636	Mus musculus lymphoid enhancer factor 1	932	100.000
10284	AF009329	Rattus norvegicus enhancer-of-split and hairy- related protein 1	529	98.718
10285	AL049558	Schizosaccharomyces pombe hypothetical protein	267	37.725
10286	L15309	Homo sapiens zinc finger protein	237	85.714
10287	Z98596	Schizosaccharomyces pombe putative SMC family protein	302	55.000
10288	U13152	Mesocricetus auratus guanine nucleotide- binding protein beta 5	362	53.636
10289	X93302	Saccharomyces cerevisiae Msn5 protein	173	35.200